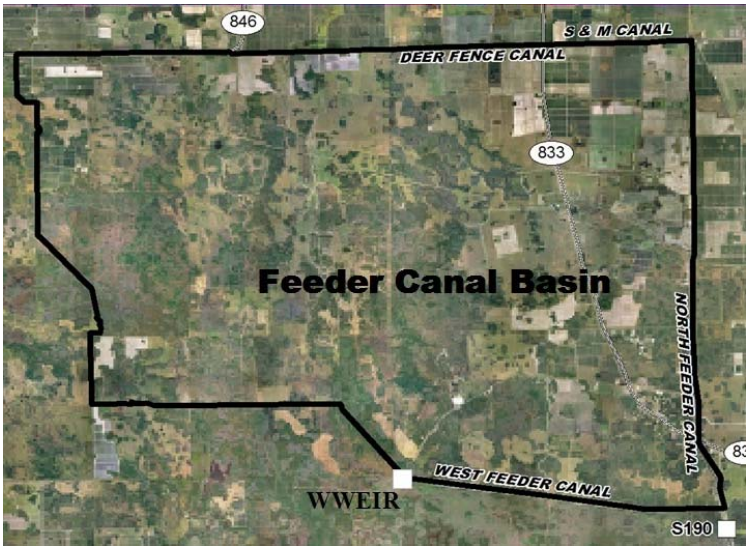
LETTER REPORT
Feeder Canal Basin - Watershed Data Evaluation
Task 6: Investigation of Factors Contributing to TP Load
(Work Order No: ST061287-WO04 R1)

Phase II
Deliverable 6.3
Final Letter Report – TP Load Factors



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1.0 INTRODUCTION

Florida's 1994 Everglades Forever Act (EFA), F.S. 373.4592, established long-term water quality goals designed to restore and protect the Everglades Protection Area (EPA). Section 9(k) of the 1994 EFA required the South Florida Water Management District (District) to apply for a permit from the Florida Department of Environmental Protection (FDEP) to operate and maintain water control structures (pumps, spillways, and culverts), which discharge into, within, or from the EPA, and which are not included in the Everglades Construction Project (ECP). As defined in the EFA, the EPA includes Water Conservation Areas (WCAs) 1, 2A, 2B, 3A, 3B, the Arthur R. Marshall Loxahatchee National Wildlife Refuge, and the Everglades National Park. The District's permit application was submitted to FDEP on September 30, 1994, and FDEP formally issued permit #06, 502590709 to the District on April 20, 1998. This permit, designated as the Non-ECP Permit, requires that the District implement a program that includes schedules and strategies for the following purposes: (1) achieve and maintain water quality standards; (2) evaluate existing programs, permits and water quality data; (3) develop a regulatory program, where needed, to improve water quality; and (4) develop a monitoring program to track progress toward achieving compliance with water quality standards to the maximum extent practicable. There are seven "into" structures located in five non-ECP basins discharging to the EPA and regulated under the non- ECP permit. The Feeder Canal basin is one of the non-ECP basins because the S-190 structure, which drains this basin, discharge flows to WCA 3A by way of L-28 Interceptor Canal.

The Feeder Canal basin is located in Hendry County with an area of approximately 68,883 acres, and is shown on Figure 1-1. The canals and structures within this basin provide flood protection and convey excess runoff to WCA 3A for water supply and environmental use. The two major canals associated with the Feeder Canal basin are the North Feeder Canal, and the West Feeder Canal. These two canals merge in the lower southeastern corner of the basin and discharge south through the S-190 structure into the L-28 Interceptor Canal and eventually into the WCA 3A. These major canals provide drainage for the western portion of the Big Cypress Seminole Indian Reservation, plus privately owned agricultural land lying north and west of the reservation. Two secondary canals also exist in the Feeder Canal basin located upstream of the West Feeder Canal. The flow volume and TP load through S-190 represents the total runoff and load from the Feeder Canal basin.

The Feeder Canal basin is divided into three major sub-basins: North Feeder sub-basin (McDaniel Ranch area), a portion of the Big Cypress Seminole Indian Reservation, and the West Feeder sub-basin (comprised of multiple private landowners). The sub-basins are shown on Figure 1-1. The McDaniel Ranch area is located in the northeastern corner of the Feeder Canal basin. It has a total area of 23,150 acres and currently has 4 private property owners. The water quality from the McDaniel Ranch area is measured at structures G-108 and PC-17A for McDaniel Ranch. The current land uses within the McDaniel Ranch area

include cattle on unimproved and improved pastures, citrus, row crops and large tracts of undeveloped natural areas. The Big Cypress Seminole Tribe has a total area of 13,850 acres. Seminole land uses include cattle on unimproved and improved pastures, row crop, citrus, low density residential, and large tracts of undeveloped natural areas. The West Feeder sub-basin has a total area of 31,900 acres. There are approximately 30 private property owners in this sub-basin. Land uses within this sub-basin include cattle on unimproved and improved pastures, row crop, citrus, and large tracts of undeveloped natural areas. The West Feeder Canal surface water drainage WWEIR is the outfall structure for West Feeder Canal sub-basin.

The EFA allows for a more flexible adaptive approach to water quality improvement in discharges for the non-ECP basins as compared to the ECP basins' mandatory BMP program (i.e., the C-139 and EAA basin BMP programs). This is, in large part, based on the non-ECP basins having historically contributed approximately 12 percent of the total load discharging to the EPA compared to the 88 percent contribution by the ECP basins. Because of the relatively small TP contribution by the non-ECP basins, they were allowed to discharge directly to the EPA with source control programs initiated in WY1998 to address the quality of the basins' discharges.

The EFA requires implementation of schedules and strategies to ensure progress toward ultimately achieving established water quality standards for discharges to the EPA. This is accomplished through basin-specific Water Quality Improvement Plans (WQIPs) that include a combination of source controls (BMPs), diversion strategies, and capital improvement projects consistent with the Long-Term Plan's (The October 27, 2003, *Everglades Protection Area Tributary Basins Long-Term Plan for Achieving Water Quality Goals*, and subsequent revisions) direction to rely on source controls and integration with CERP (or Comprehensive Everglades Restoration Plan) and other local construction projects. The WQIP for the Feeder Canal basin include: (1) major source control projects on the property known as McDaniel Ranch, (2) initiation of a regulatory phosphorus source control program applied to the entire basin, (3) providing funding through Fiscal Year 2010 for implementation of source controls, (4) a Central and South Florida Restoration Critical Project on the Big Cypress Seminole Indian Reservation, and (5) the Big Cypress/L-28 Interceptor Canal Modifications Comprehensive Everglades Restoration Plan (CERP) Project.

As required by the EFA, Technology-based Effluent Limitations (TBELs), which establish limits on phosphorus discharges to meet the Everglades criterion, have been proposed to FDEP for inclusion in the long-term compliance permit for Feeder Canal basin. It is currently expected that the EFA long term compliance permit containing the first non-ECP TBEL requirements will be issued over the next 6 months. This permit will be based upon Best Available Pollution Reduction Technologies (BAPRT). The WQIPs for the Feeder Canal basin are consistent with the Long-Term Plan, and the Long-Term Plan is considered BAPRT.

During Water Years 2006 and 2007 (May 2005 through April 2007), an increasing trend in TP concentration in discharges from the Feeder Canal basin was observed. Therefore, implementation of source controls within this area will necessitate carrying out an investigation to characterize the basin's discharges and TP loads.

1.1 PROJECT OBJECTIVE

The primary objective of this phase (Phase II) of the Work Order is to assist the District in technical analysis supporting the phosphorus source control for the Feeder Canal basin. The analysis is focused on a basin level study to identify and quantify measurable factors affecting phosphorus loads from the basin. This analysis will assist the District to focus on important aspects that contribute or do not contribute to maintaining the current level of performance of the source controls BMP Program within the basin.

1.2 SCOPE OF WORK

BPC Group completed Tasks 1 through 3 during Phase I of this work order providing technical assistance to the District in support of identifying appropriate compliance methodology for revision of the Rule for the C-139 basin. This phase of the work order includes the following tasks relevant to the long term and basin level study for the Feeder Canal basin.

Task 4 –Kick-Off Meeting and Document Review

This included attending the kick-off meeting at the District headquarters in West Palm Beach, Florida, with primary focus on clarifying the project requirements along with establishing lines of communication and project schedule. The meeting was held on May 28, 2008. This task also included brief reviews of all documents provided by the District with focus on gaining better understanding of the challenges facing the Feeder Canal basin; and prepared a letter report briefly summarizing each document's scope and citing specific portions of the documents that allude to or answer questions related to tasks contained within this work order. The final Task 4 report was submitted to the District on June 19, 2008.

Task 5 – Preliminary Statistical Analysis of Rainfall and Flow

This task includes statistical analyses of historical rainfall and flow records provided by the District at variable frequency intervals, and develop relationship between rainfall and flow at basin level, if feasible. This task also includes development of a work plan documenting supplementary investigation of factors contributing to TP load for the Feeder Canal basin that could be carried out during Task 6.

Task 6 – Investigation of Factors Contributing to TP Load

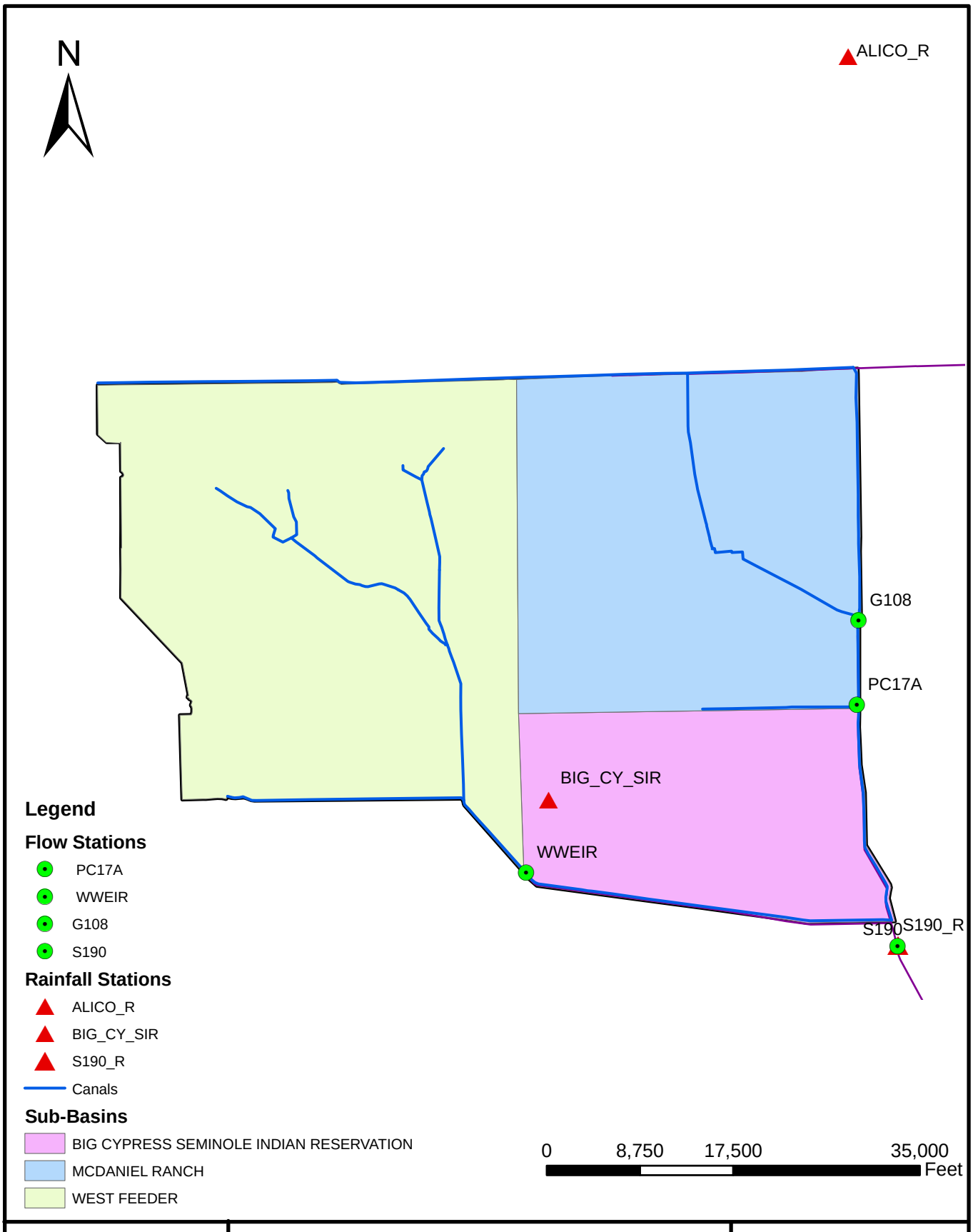
This task includes implementation of supplementary investigations selected during Task 5. The selected investigation method was "Influence of Rainfall and Flow on TP Load" which included the following of scope of work.

- Perform weekly, monthly, and annual (water year) descriptive statistics and frequency distribution of TP load for the stations WWEIR and S-190.
- Prepare weekly, monthly, and annual time series plots and perform Mann-Kendall test as appropriate to determine the trend analyses of TP load for the stations WWEIR and S-190.
- Develop a regression model on weekly, monthly, and annual datasets at basin level (station S-190). The following regression models will be developed for this analysis.

$Load = f(P_a, Q_a)$ for annual dataset
$Load = f(P_m, Q_m, RP_{m,lag1}, Kurtosis_{m,P}, Skewness_{m,P})$ for monthly dataset
$Load = f(P_w, Q_w, RP_{w,lag1})$ for weekly dataset

Where,
Load = Total TP Load in kg
P = rainfall in inches
Q = Flow in ac-ft
RP = Residual Rainfall
Kurtosis = Kurtosis of monthly rainfall dataset
Skewness = Skewness of monthly rainfall dataset
Subscripts a, m, and w indicate annual, monthly, and weekly data, respectively
Subscript lag1 indicates the lag1 of the residual rainfall dataset

A draft report representing Deliverable 6.1 was submitted to the District on September 8, 2008, which documented the findings of the above statistical analysis for the basin. This report presents the final report representing the Deliverable 6.3 under Task 6 of the project.



Feeder Canal Basin Rainfall and Flow Location Map

FIGURE 1-1

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2.0 ASSUMPTIONS AND DATASET SELECTION

The datasets used for statistical analysis during this task were decided during Task 4. The details of the selected dataset are documented in the final report (Final Letter Report, Feeder Canal Basin – Watershed Data Evaluation, Task 4: Document Review and Summary, June 2008). The report was prepared by BPC Group under Contract #ST061287-WO04 and delivered to the District on June 19, 2008. The statistical analyses of the flow and rainfall datasets were completed during Task 5 and the final report was delivered as Deliverable 5.4 (Final Letter Report, Feeder Canal Basin – Watershed Data Evaluation, Task 5: Statistical Analysis of Rainfall and Flow, Phase II, Deliverable 5.4, Statistical Analysis, August 14, 2008). A work plan was developed to document the methods of investigation to evaluate the factors contributing to the TP Load. The final work plan was submitted to the District on August 27, 2008 (Final Letter Report, Feeder Canal Basin – Watershed Data Evaluation, Task 5: Statistical Analysis of Rainfall and Flow, Phase II, Deliverable 5.5, Final Work Plan: Factors Contributing to Basin TP Load, August 27, 2008).

Based on the final work plan, Method 1 was selected for further analysis of determining influence of rainfall and flow on TP load for the basin. A brief description of the assumptions and datasets used for completion of this deliverable of Task 6 is given below. The general assumptions that are inherent to the basis of analysis for the project are also listed below. The assumptions specific to methods of analysis are described later in respective sections of this letter report.

- For the purpose of this project, the hydrologic parameters (datasets) include only rainfall, flow, load, and concentration. However, for the purpose of this deliverable (Deliverable 6.1), only rainfall, flow, and TP load datasets are considered for statistical analyses.

- The preliminary statistical analyses of the weekly, monthly, and annual (water year) datasets for TP load were performed for the stations WWEIR and S-190. The stations are shown on Figure 1-1, and the datasets are included in Appendix D

- For the purpose of this project, the following notations and units are used to represent the parameters discussed above.

  Q = Outflow (ac-ft or acre-foot)
  P = Rainfall (in or inch)
  L = TP Load (kg)

- As per the SOW, following time periods have been used for statistical analyses for this deliverable of Task 6.
  - Weekly
  - Monthly

- Annual or Yearly (Water Year or WY from May 1 through April 30)

- Following description provides the dataset duration for each station and the basin.
  - Station/Basin S-190 (Flow and TP Load from WY 1998 to 2008)
  - Feeder Canal Basin (Rainfall from WY 1998 to 2008)
  - Station WWEIR (TP Load from WY 2000 to 2008)

3.0 DATA ANALYSIS METHODOLOGY

The following statistical analyses were performed on each dataset for the TP Load (load) for the stations WWEIR and S-190. The similar statistical analysis results for rainfall and flow for these stations were reported in the Task 5 deliverables as referenced earlier in Section 2.0.

- Descriptive Statistics
  - Summary Statistics
  - Frequency Distribution
- Trend Analysis
  - Time Series Plot and Trend Test

The following statistical analyses were performed on the rainfall, flow and TP load datasets at the basin level to develop an interrelationship amongst the parameters (rainfall, flow, and load).

- Regression Analysis
  - Regression Analysis (Untransformed Dataset)
  - Regression Analysis (Transformed Dataset)

3.1 DESCRIPTIVE STATISTICS

3.1.1 Summary Statistics

The summary statistics for the datasets are presented in tables summarizing the following statistical properties.

- Mean, Median, Standard Error, Standard Deviation, Variance
- Range, Minimum, Maximum, Quartiles
- Kurtosis, Skewness, Confidence Interval

3.1.2 Frequency Distribution

A frequency distribution shows the number of observations falling into each of several ranges of values. This is a method of organizing data, which converts raw data into a meaningful pattern for statistical analysis. The frequency distribution plots can indicate how the observations cluster around a central value along with the degree of difference between observations. For this project, frequency distributions are portrayed as histograms. A histogram is a useful device for exploring the shape of the distribution of the values of a variable. Histograms are used for screening of outliers, checking normality, or suggesting another parametric shape for the distribution.

3.2 TREND ANALYSIS

Trend analyses were performed on all the datasets (weekly, monthly, and annual) using frequency distribution and time series plots, as described below. The scope of work included analyses of only load datasets for stations WWEIR and S-190. The similar statistical analysis results for rainfall and flow for these stations were reported in the Task 5 deliverables as referenced earlier in Section 2.0 of this letter report.

For the purpose of this project, this included time series plots for the parameters of interest for the stations and the basin, and completion of non-parametric test such as Mann-Kendall test (Kendall Tau Trend), which also estimates Sen Slope to identify the degree of change in the trend. The seasonal Mann-Kendall test was also performed on the datasets for this project.

3.3 REGRESSION ANALYSIS

The following description presents the methodology implemented to relate the load with flow and rainfall at the basin level.

A sequence of multiple regression analyses was performed on each time-series datasets for the basin. The regression analyses were performed to develop potential relationship to relate the load with the corresponding flow and rainfall. The conceptual regression model was developed using the following functional relationships between the load, rainfall and flow parameters.

$L = f(P_a, Q_a)$ for annual dataset
$L = f(P_m, Q_m, RP_{m,lag1}, Kurtosis_{m,P}, Skewness_{m,P})$ for monthly dataset
$L = f(P_w, Q_w, RP_{w,lag1})$ for weekly dataset

Where,

L = Load or Total TP Load in kg
P = Rainfall in inches
Q = Flow in ac-ft

$RP_{m,lag1}$ = Residual of 1-month lag of rainfall
= Difference between 1-month lag of rainfall (P_{m-1}) and the mean of preceding 12 months of lag rainfall ($\sum P_{m-1}/12$) = (P_{m-1}) - ($\sum P_{m-1}/12$)

$RP_{w,lag1}$ = Residual of 1-week lag of rainfall
= Difference between 1-week lag of rainfall (P_{w-1}) and the mean of preceding 52 weeks of lag rainfall ($\sum P_{w-1}/52$) = (P_{w-1}) - ($\sum P_{w-1}/52$)

Kurtosis = Kurtosis of monthly rainfall dataset
Skewness = Skewness of monthly rainfall dataset
Subscripts a, m, and w indicate annual, monthly, and weekly data, respectively

The regression analyses were completed on the linear datasets. The datasets were transformed using logarithmic and/or Box-Cox transformation during this task. Further details on the transformation and back transformation are presented in Section 4.0 of this letter report.

These analyses were completed for the basin datasets, and the results and discussion are presented in Section 4.0 of this letter report. The statistical analyses were performed using the SYSTAT version 12.2 developed by SYSTAT Software, San Jose, California.

4.0 RESULTS AND DISCUSSION

4.1 ANALYSES OF LOAD (TP LOAD) DATASETS

The analyses were performed on the datasets for the TP load (load) for the stations WWEIR and S-190. The daily datasets were provided by the District as documented in the Task 4 report. The load datasets for the stations are included in Appendix B. The datasets for all other time events (weekly, monthly, and annual) were generated from the corresponding daily datasets. The results and discussions on the load analyses are presented below. All Figures and Tables representing the statistical analyses are presented in Appendix A.

4.1.1 Descriptive Statistics

Summary Statistics: The summary statistics for both stations are presented in Tables 4.1.1a through 4.1.1c (Appendix A) for weekly, monthly, and annual datasets, respectively. As can be seen from these tables, the weekly load values ranged from zero to 1,405.96 kg for the station WWEIR, and from zero to 6,230.37 kg for the station S-190. The mean weekly loads for stations WWEIR and S-190 were 79.55 and 221.57 kg respectively. As can be seen from Table 4.1.1a (Appendix A), the Shapiro-Wilk p-values for both stations are less than 0.05 which indicates that the weekly load datasets for both stations are not normally distributed.

The monthly load values ranged from zero to 3,475.78 kg for the station WWEIR, and from zero to 16,754.93 kg for the station S-190. The mean monthly loads for stations WWEIR and S-190 were 345.46 and 963.49 kg respectively. As can be seen from Table 4.1.1b (Appendix A), the Shapiro-Wilk p-values for both stations are less than 0.05 which indicates that the monthly load datasets for both stations are not normally distributed.

The annual load values ranged from 693.76 to 7,543.87 kg for the station WWEIR, and from 3,150.57 to 28,716.80 kg for the station S-190. The mean monthly loads for stations WWEIR and S-190 were 4,145.47 and 11,561.83 kg respectively. As can be seen from Table 4.1.1c (Appendix A), the Shapiro-Wilk p-values for both stations (0.64 and 0.17 for WWEIR and S-190 respectively) are greater than 0.05 which indicates that the annual load datasets for both stations are somewhat normally distributed.

Based on the results of Wilcoxon Signed Ranks tests performed on the weekly, monthly and annual datasets for the stations, the load datasets for WWEIR and S-190 were significantly different from each other (Wilcoxon Signed Ranks test p-value < 0.05).

Frequency Distribution: Figures 4.1.1a through 4.1.1c (Appendix A) present the histograms of the weekly, monthly, and annual load datasets for the station WWEIR. The non-normality of all load datasets (weekly, monthly and annual) for the station can be observed from these histograms. The weekly histogram plot (Figure 4.1.1a in Appendix A)

shows the weekly dataset for WWEIR is skewed and that more than 76% of the weekly load values are less than 75 kg (arbitrarily chosen from the histogram plot). The monthly histogram plot (Figure 4.1.1b in Appendix A) indicates the monthly dataset for WWEIR is skewed and that about 72% of the monthly load values are less than 250 kg (arbitrarily chosen from the histogram plot).

Figures 4.1.2a through 4.1.2c (Appendix A) present the histograms of the weekly, monthly, and annual load datasets for the station S-190. The non-normality of all load datasets (weekly, monthly and annual) for the station can be observed from these histograms. The weekly histogram plot (Figure 4.1.2a in Appendix A) indicates the weekly dataset for S-190 is skewed and that more than 83% of the weekly load values are less than 250 kg (arbitrarily chosen from the histogram plot). The monthly histogram plot (Figure 4.1.2b in Appendix A) indicates the monthly dataset for S-190 is skewed and about 81% of the monthly load values are less than 1,250 kg (arbitrarily chosen from the histogram plot).

4.1.2 Trend Analyses

Time Series Trends: The time series plots for all the time periods (weekly, monthly, and annual) are shown on Figures 4.1.3a through 4.1.3c in Appendix A for the station WWEIR and on Figures 4.1.4a through 4.1.4c in Appendix A for the station S-190, respectively.

The non-seasonal Mann-Kendall trend tests were performed on the weekly time series plots, and the results are summarized in Table 4.1.2. The non-seasonal datasets for both stations show decreasing trends (negative Mann-Kendall statistics) with negligible values of Sen's slope for the load datasets; however, no statistically significant trend (p-value <0.05) was observed for the station WWEIR.

Table 4.1.2 Mann-Kendall Test Summary for Weekly TP Load Datasets

Non-Seasonal Mann-Kendall Test Results (Weekly Loads)

Station	No. of Records	Mann-Kendall S	Z	p-value	Lower 95% CL	Sen Slope	Upper 95% CL	Trend
WWEIR	469	-5041	-1.5010	0.1333	-0.0082	0.0000	0.0000	Insignificant
S-190	574	-14318	-3.1696	0.0015	-0.0014	0.0000	0.0000	Decreasing

The non-seasonal and seasonal Mann-Kendall trend tests were performed on the monthly time series plots. The results are summarized in Table 4.1.3. The non-seasonal datasets for both stations show decreasing trends (negative Mann-Kendall statistics); however, no statistically significant trend (p-value <0.05) was observed for either of these stations. The seasonal trend plots for each month are shown on Figures 4.1.5a and 4.1.5b in Appendix A for the stations WWEIR and S-190, respectively. As shown on Table 4.1.3 and Figures 4.1.5a and 4.1.5b in Appendix A, the seasonal datasets for both stations show decreasing

trends (negative Mann-Kendall statistics); however, no statistically significant trend (p-value <0.05) was observed for either of these stations.

Table 4.1.3 Mann-Kendall Test Summary for Monthly TP Load Datasets

Non-Seasonal Mann-Kendall Test Results (Monthly Loads)

Station	No. of Records	Mann-Kendall S	Z	p-value	Lower 95% CL	Sen Slope	Upper 95% CL	Trend
WWEIR	108	-252	-0.6686	0.5037	-0.8331	-0.0637	0.1801	Insignificant
S-190	132	-788	-1.5488	0.1214	-0.8061	-0.1163	0.0018	Insignificant

Seasonal Kendall Test Results (Monthly Loads)

Station	No. of Records	Seasonal Kendall S	Z	p-value	Lower 95% CL	Sen Slope	Upper 95% CL	Trend
WWEIR	108	-22	-0.7141	0.4752	-5.5895	0.0000	1.2021	Insignificant
S-190	132	-85	-1.9139	0.0556	-4.9014	-0.6525	0.0000	Insignificant

4.2 REGRESSION ANALYSIS

4.2.1 Regression Models of Untransformed Datasets

The load, flow, and rainfall values were used to develop the regression models for all time periods (weekly, monthly, and annual) as given below.

$L = f(P_a, Q_a)$ for annual dataset
$L = f(P_m, Q_m, RP_{m,lag1}, Kurtosis_{m,P}, Skewness_{m,P})$ for monthly dataset
$L = f(P_w, Q_w, RP_{w,lag1})$ for weekly dataset

Where,
L = Load or Total TP Load in kg
P = Rainfall in inches
Q = Flow in ac-ft
$RP_{m,lag1}$ = Residual of 1-month lag of rainfall
= Difference between 1-month lag of rainfall (P_{m-1}) and the mean of preceding 12 months of lag rainfall ($\sum P_{m-1}/12$) = (P_{m-1}) - ($\sum P_{m-1}/12$)
$RP_{w,lag1}$ = Residual of 1-week lag of rainfall
= Difference between 1-week lag of rainfall (P_{w-1}) and the mean of preceding 52 weeks of lag rainfall ($\sum P_{w-1}/52$) = (P_{w-1}) - ($\sum P_{w-1}/52$)
Kurtosis = Kurtosis of monthly rainfall dataset
Skewness = Skewness of monthly rainfall dataset
Subscripts a, m, and w indicate annual, monthly, and weekly data, respectively

In the above model descriptions, the load (TP load) is considered as the dependent variable, and all other parameters (rainfall, flow, 1-month lag of rainfall, kurtosis of monthly rainfall, skewness of monthly rainfall, 1-week lag of rainfall) as the independent (predictor) variables.

Weekly Regression Models

The weekly regression model results for $L = f(P_w, Q_w, RP_{w,lag1})$ along with the residual plot are presented on Figure 4.2.1a in Appendix A. As can be seen from this figure, the residuals significantly deviate from normality and $RP_{w,lag1}$ is a statistically insignificant (p-value > 0.05) predictor. A new regression model was developed excluding the residual lag rainfall. The new weekly regression model results for $L = f(P_w, Q_w)$ along with the residual plot are presented on Figure 4.2.1b in Appendix A. The weekly regression model is summarized below (Figure 4.2.1b in Appendix A).

$L_w = -36.987\ P_w + 0.199\ Q_w - 46.996$
Statistics: $R^2 = 0.82$, $AR^2 = 0.82$, SE = 261.23

Based on the p-values (Figure 4.2.1b in Appendix A), the flow and rainfall are both significant predictors, and the residuals significantly deviate from normality.

Monthly Regression Models

The monthly regression model results for $L = f(P_m, Q_m, RP_{m,lag1}, Kurtosis_{m,P}, Skewness_{m,P})$ along with the residual plot are presented on Figure 4.2.2a in Appendix A. As can be seen from this figure, the residuals significantly deviate from normality. In addition, kurtosis, skewness and $RP_{m,lag1}$ are statistically insignificant (p-value > 0.05) predictors. A new regression model was developed excluding these (kurtosis, skewness, and residual lag rainfall) insignificant factors. The new monthly regression model results for $L = f(P_m, Q_m)$ along with the residual plot are presented on Figure 4.2.2b in Appendix A. The monthly regression model is summarized below (Figure 4.2.2b in Appendix A).

$L_m = -70.427\ P_m + 0.202\ Q_m - 76.888$
Statistics: $R^2 = 0.83$, $AR^2 = 0.83$, SE = 919.26

Based on the p-values (Figure 4.2.2b in Appendix A), the flow and rainfall are both significant predictors, and the residuals significantly deviate from normality.

Annual Regression Models

The annual regression model results for $L = f(P_a, Q_a)$ along with the residual plot are presented on Figure 4.2.3 in Appendix A. As can be seen from this figure, the residuals do

not significantly deviate from normality. The annual regression model is summarized below (Figure 4.2.3 in Appendix A).

$L_a = 372.675\ P_w + 0.120\ Q_w - 17763.513$
Statistics: $R^2 = 0.72$, $AR^2 = 0.65$, SE = 4295.64

Discussion

Based on the regression model results shown above, all datasets produced acceptable regression coefficients. As shown above, the load (TP load) is considered as the dependent variable, and all other parameters (rainfall, flow, 1-month lag of rainfall, kurtosis of monthly rainfall, skewness of monthly rainfall, 1-week lag of rainfall) as the independent (predictor) variables. Considering the R^2 values, the weekly and monthly regression models indicate that more than 82% of the basin load can be explainable with the contributions from the basin flows, rainfalls and the rainfall statistics as described above. In other words, less than 20% of the basin load could not be explained with the current datasets considered in the model. However, the residual plots for these regression models (presented as Figures 4.2.1b and 4.2.2b in Appendix A) significantly deviate from normality and indicate that the predicted load values using the above presented weekly and monthly regression models produce negative load values for more than 45% of the events. This is definitely not true and not acceptable. The erroneous predictions are attributed to fitting regression curves to non-normal datasets. Based on this discussion, a transformation of the weekly and monthly datasets is desirable and regression models for the transformed datasets should be explored.

Considering the R^2 values, the annual regression model indicates that more than 65% of the basin load can be explainable with the contributions from the basin flows and rainfalls. In other words, nearly 35% of the basin load could not be explained with the current datasets considered in the model. However, the residual plot for the regression model (presented as Figure 4.2.3 in Appendix A) does not significantly deviate from normality and no negative load values are predicted from the regression model. Based on this discussion, a transformation of the annual dataset is not necessary; however, a regression model for the transformed dataset may be explored for possibility of a better model.

4.2.2 Regression Models of Transformed Datasets

Since the weekly and monthly regression models generated from the non-normal datasets as presented in Section 4.2.1 are not acceptable and based on the discussion presented above, the load, rainfall, and flow datasets were normalized or transformed and then the regression models were developed as described below.

The weekly, monthly, and annual load datasets for the basin (S-190) were transformed using the logarithmic and Box-Cox transformation. This process transformed the load, rainfall, and

flow values into normally distributed datasets for the weekly, monthly, and annual events. The general relationships for the transformation process are given below.

$X_t = \ln(X + 0.0001)$ for logarithmic transformation
$X_t = ((X + 0.0001)^{\lambda} - 1) / \lambda$ for Box-Cox transformation

Where,
X_t = Transformed variable (e.g., Load, Rainfall, Flow)
X = Untransformed variable (e.g., Load, Rainfall, Flow)
λ = Transformation coefficient that is dependent on the dataset and determined by the software used for the transformation
Note: The constant "0.0001" was added to all measurements to avoid zero values since the transformation requires all non-zero values; further explanation is given later in this section of the report.

The transformation was performed using the statistical software SYSTAT version 12.2 developed by SYSTAT Software, San Jose, California.

The transformed load, flow, and rainfall values were used to develop the regression models for all time periods (weekly, monthly, and annual) as given below.

$L_t = f(P_{a,t}, Q_{a,t})$ for annual dataset
$L_t = f(P_{m,t}, Q_{m,t}, RP_{m,lag1}, Kurtosis_{m,P}, Skewness_{m,P})$ for monthly dataset
$L_t = f(P_{w,t}, Q_{w,t}, RP_{w,lag1})$ for weekly dataset

Where,
L_t = Transformed Load or Total TP Load in kg
P_t = Transformed Rainfall in inches
Q_t = Transformed Flow in ac-ft
$RP_{m,lag1}$ = Residual of 1-month lag of rainfall
= Difference between 1-month lag of rainfall (P_{m-1}) and the mean of preceding 12 months of lag rainfall ($\sum P_{m-1}/12$) = (P_{m-1}) - ($\sum P_{m-1}/12$)
$RP_{w,lag1}$ = Residual of 1-week lag of rainfall
= Difference between 1-week lag of rainfall (P_{w-1}) and the mean of preceding 52 weeks of lag rainfall ($\sum P_{w-1}/52$) = (P_{w-1}) - ($\sum P_{w-1}/52$)
Kurtosis = Kurtosis of monthly rainfall dataset
Skewness = Skewness of monthly rainfall dataset
Subscripts a, m, and w indicate annual, monthly, and weekly data, respectively

In the above model descriptions, the load (TP load) is considered as the dependent variable, and all other parameters (rainfall, flow, 1-month lag of rainfall, kurtosis of monthly rainfall, skewness of monthly rainfall, 1-week lag of rainfall) as the independent (predictor) variables.

The weekly and monthly load, rainfall, and flow datasets for the basin (S-190) were transformed using the logarithmic and Box-Cox transformation. The current datasets include a number of zero values, which prevents the transformation of datasets. In order to avoid the zero values in the datasets, a value of 0.0001 was added to all measurements. Such a small value is insignificant from the hydrologic perspective. The transformed datasets do represent the normally distributed datasets for the weekly and monthly events. The dataset transformation was performed using the statistical software SYSTAT version 12.2 developed by SYSTAT Software, San Jose, California. The annual datasets did not have zero values and therefore 0.0001 was not added to the annual datasets.

Weekly Regression Models

Box-Cox Transformation: The weekly regression model results for $L_t = f(P_{w,t}, Q_{w,t}, RP_{w,lag1})$ using Box-Cox transformation along with the residual plot are presented on Figure 4.2.4a in Appendix A. As can be seen from this figure, the residuals significantly deviate from normality and rainfall is a statistically insignificant (p-value > 0.05) predictor. A new regression model was developed excluding the rainfall. The new weekly regression model results for $L = f(Q_{w,t}, RP_{w,lag1})$ along with the residual plot are presented on Figure 4.2.4b in Appendix A. The weekly regression model is summarized below (Figure 4.2.4b in Appendix A).

$L_{w,t} = 0.186\ RP_{w,lag1} + 0.739\ Q_{w,t} - 1.832$ for Box-Cox Transformation
Statistics: $R^2 = 0.98$, $AR^2 = 0.98$, SE = 0.845

Based on the p-values (Figure 4.2.4b in Appendix A), the flow and 1-month lag residual rainfall are both significant predictors, and the residuals significantly deviate from normality.

Logarithmic Transformation: The weekly regression model results for $L_t = f(P_{w,t}, Q_{w,t}, RP_{w,lag1})$ using logarithmic transformation along with the residual plot are presented on Figure 4.2.4c in Appendix A. As can be seen from this figure, the residuals significantly deviate from normality and all dependent variables are statistically insignificant (p-value < 0.05) predictors. The weekly regression model is summarized below (Figure 4.2.4c in Appendix A).

$L_{w,t} = 0.171\ RP_{w,lag1} + 0.020\ P_{w,t} + 0.839\ Q_{w,t} - 1.589$ for Log Transformation
Statistics: $R^2 = 0.99$, $AR^2 = 0.99$, SE = 0.746

Based on the p-values (Figure 4.2.4c in Appendix A), the flow, rainfall, and 1-month lag residual rainfall are all significant predictors, and the residuals significantly deviate from normality.

Based on the R^2 values and the residual plots, the results for both the transformed regression models were close to each other for the weekly datasets. The logarithmic model may be used for convenience.

Monthly Regression Models

Box-Cox Transformation: The monthly regression model results for $L_t = f (P_{m,t}, Q_{m,t}, RP_{m,lag1}, Kurtosis_{m,P}, Skewness_{m,P})$ using Box-Cox transformation along with the residual plot are presented on Figure 4.2.5a in Appendix A. As can be seen from this figure, the residuals significantly deviate from normality. In addition, kurtosis and skewness are statistically insignificant (p-value > 0.05) predictors. A new regression model was developed excluding these (kurtosis and skewness) insignificant factors. The new monthly regression model results for $L_t = f (P_{m,t}, Q_{m,t}, RP_{m,lag1})$ along with the residual plot are presented on Figure 4.2.5b in Appendix A. The monthly regression model is summarized below (Figure 4.2.5b in Appendix A).

$L_{m,t} = 0.124\ RP_{m,lag1} + 0.123\ P_{m,t} + 0.749\ Q_{m,t} - 2.159$ for Box-Cox Transformation
Statistics: $R^2 = 0.98$, $AR^2 = 0.98$, SE = 0.902

Based on the p-values (Figure 4.2.5b in Appendix A), the flow, rainfall, and 1-month lag residual rainfall are all significant predictors, and the residuals significantly deviate from normality.

Logarithmic Transformation: The monthly regression model results for $L_t = f (P_{m,t}, Q_{m,t}, RP_{m,lag1}, Kurtosis_{m,P}, Skewness_{m,P})$ using logarithmic transformation along with the residual plot are presented on Figure 4.2.5c in Appendix A. As can be seen from this figure, the residuals significantly deviate from normality. In addition, kurtosis and skewness are statistically insignificant (p-value > 0.05) predictors. A new regression model was developed excluding these (kurtosis and skewness) insignificant factors. The new monthly regression model results for $L_t = f (P_{m,t}, Q_{m,t}, RP_{m,lag1})$ along with the residual plot are presented on Figure 4.2.5d in Appendix A. The monthly regression model is summarized below (Figure 4.2.5d in Appendix A).

$L_{m,t} = 0.123\ RP_{m,lag1} + 0.104\ P_{m,t} + 0.860\ Q_{m,t} - 1.829$ for Log Transformation
Statistics: $R^2 = 0.98$, $AR^2 = 0.98$, SE = 0.734

Based on the p-values (Figure 4.2.5d in Appendix A), the flow, rainfall, and 1-month lag residual rainfall are all significant predictors, and the residuals significantly deviate from normality.

Based on the R^2 values and the residual plots, the results for both the transformed regression models were close to each other for the monthly datasets. The logarithmic model may be used for convenience.

Annual Regression Models

Box-Cox Transformation: The annual regression model results for $L_t = f(P_{a,t}, Q_{a,t})$ using Box-Cox transformation along with the residual plot are presented on Figure 4.2.6a in Appendix A. As can be seen from this figure, the residuals do not significantly deviate from normality, but rainfall is statistically insignificant (p-value > 0.05) predictor. A new regression model was developed excluding the insignificant factor (rainfall). The new annual regression model results for $L_t = f(Q_{a,t})$ along with the residual plot are presented on Figure 4.2.6b in Appendix A. The annual regression model is summarized below (Figure 4.2.6b in Appendix A).

$L_{a,t} = 0.0313\ Q_{a,t} - 2.8988E+7$ for Box-Cox Transformation
Statistics: $R^2 = 0.71$, $AR^2 = 0.68$, SE = 6.7044E+7

Based on the p-values (Figure 4.2.6b in Appendix A), the flow is the only significant predictor, and the residuals do not significantly deviate from normality.

Logarithmic Transformation: The annual regression model results for $L_t = f(P_{a,t}, Q_{a,t})$ using logarithmic transformation along with the residual plot are presented on Figure 4.2.6c in Appendix A. As can be seen from this figure, the residuals do not significantly deviate from normality, but rainfall is statistically insignificant (p-value > 0.05) predictor. A new regression model was developed excluding the insignificant factor (rainfall). The new annual regression model results for $L_t = f(Q_{a,t})$ along with the residual plot are presented on Figure 4.2.6d in Appendix A. The annual regression model is summarized below (Figure 4.2.6d in Appendix A).

$L_{a,t} = 1.0266\ Q_{a,t} - 2.2995$ for Logarithmic Transformation
Statistics: $R^2 = 0.73$, $AR^2 = 0.70$, SE = 0.3466

Based on the p-values (Figure 4.2.6d in Appendix A), the flow is the only significant predictor, and the residuals do not significantly deviate from normality.

Based on the R^2 values and the residual plots, the results for both the transformed regression models were close to each other for the annual datasets. The logarithmic model may be used for convenience.

Discussion

Based on the transformed regression model results shown above, all datasets produced acceptable regression coefficients. As shown above, the load (TP load) is considered as the dependent variable, and all other parameters (rainfall, flow, 1-month lag of rainfall, kurtosis of monthly rainfall, skewness of monthly rainfall, 1-week lag of rainfall) as the independent (predictor) variables. Considering the R^2 values, the transformed weekly and monthly regression models indicate that more than 98% of the basin load can be explainable with the contributions from the basin flows, rainfalls and the rainfall statistics as described above. In other words, only less than 2% of the basin load could not be explained with the current datasets considered in the normalized model. However, the residual plots for these regression models (presented as Figures 4.2.4c and 4.2.5d in Appendix A) significantly deviate from normality. Based on the results presented above, the regression model resulting from both the transformation produce almost identical results for the weekly and monthly datasets, and therefore, the logarithmic transformation may be preferred for convenience for these datasets.

Considering the R^2 values, the annual regression model indicates that approximately 70% of the basin load can be explainable with the contributions from the basin flows. In other words, nearly 30% of the basin load could not be explained with the current datasets considered in the model. However, the residual plots for the regression model (presented as Figures 4.2.6b and 4.2.6d in Appendix A) do not significantly deviate from normality. Based on the results presented above, the regression models resulting from both the transformation produce almost identical results for the annual datasets. The untransformed regression model also produces similar results as the transformed regression models. Therefore, the untransformed regression model may be preferred for convenience of predicting the annual loads.

5.0 CONCLUSIONS

Based on the information contained in this letter report, following is a brief summary of the conclusions for the present scope of work.

- Load datasets for the stations WWEIR and S-190 are non-normally distributed.
- The load datasets for WWEIR and S190 were significantly different from each other.
- The load datasets for both stations show decreasing trends (negative Mann-Kendall statistics) with small values of Sen's slope for the parameters; however, no statistically significant trend was observed for these stations.
- The time series plots for the load datasets depict a distinct seasonal trend of the load and flow data with markedly difference between the wet and dry season data plots.
- The regression coefficients for the linear regression model of the untransformed weekly, monthly and annual datasets are 0.82, 0.83, and 0.65, respectively. However, the weekly and monthly regression models predict more than 45% negative load values, and the residual plots deviate significantly from normality. Therefore, the linear regression models for the untransformed weekly and monthly datasets should not be used. However, the untransformed linear regression model for the annual dataset may be used.
- The regression coefficients for the linear regression model of the Box-Cox and logarithmic transformed weekly datasets are 0.98 and 0.99, respectively. The residuals from both the transformed regression models significantly deviate from normality. Therefore, the logarithmic transformed regression model may be used for convenience.
- The regression coefficients for the linear regression model of the Box-Cox and logarithmic transformed monthly datasets are 0.98 and 0.98, respectively. The residuals from both the transformed regression models significantly deviate from normality. Therefore, the logarithmic transformed regression model may be used for convenience.
- The regression coefficients for the linear regression model of the untransformed, and Box-Cox and logarithmic transformed annual datasets are 0.65, 0.68, and 0.70, respectively. The residuals from both the transformed regression models and from the untransformed regression model do not significantly deviate from normality. Therefore, either the untransformed regression model or the logarithmic transformed regression model may be used for convenience.

- Based on the results and discussion presented in this report, following is the list of recommended models for the weekly, monthly and annual datasets.

$\ln(L_w) = 0.171\ RP_{w,lag1} + 0.020\ \ln(P_w) + 0.839\ \ln(Q_w) - 1.589$ for Weekly dataset

$\ln(L_m) = 0.123\ RP_{m,lag1} + 0.104\ \ln(P_m) + 0.860\ \ln(Q_m) - 1.829$ for Monthly dataset

$\ln(L_a) = 1.0266\ \ln(Q_a) - 2.2995$ for Annual dataset

$L_a = 372.675\ P_a + 0.120\ Q_a - 17763.513$ for Annual dataset

APPENDIX A
Statistical Analyses Results

Table 4.1.1a Summary Statistics for Weekly Load Datasets

Statistical Parameter	Load (kg) Statistics for Station/Basin	
	WWEIR	S-190
No. of Data Points	469	574
Minimum	0.00	0.00
Maximum	1,405.96	6,230.37
Median	18.53	11.61
Mean	79.55	221.57
Standard Error of Mean	8.11	25.83
95.0% Lower CL	63.61	170.84
95.0% Upper CL	95.49	272.30
Standard Deviation	175.72	618.84
Variance	30,875.87	382,962.91
Coefficient of Variation	2.21	2.79
Skewness	3.86	5.36
Kurtosis	17.41	37.09
Shapiro-Wilk Statistic	0.49	0.39
Shapiro-Wilk p-value	0.00	0.00
Anderson-Darling Statistic	84.15	120.80
p-value	<0.01	<0.01

Table 4.1.1b Summary Statistics for Monthly Load Datasets

Statistical Parameter	Load (kg) Statistics for Station/Basin	
	WWEIR	S-190
No. of Data Points	108	132
Minimum	0.00	0.00
Maximum	3,475.78	16,754.93
Median	92.03	77.16
Mean	345.46	963.49
Standard Error of Mean	63.88	194.41
95.0% Lower CL	218.83	578.90
95.0% Upper CL	472.09	1,348.07
Standard Deviation	663.83	2,233.57
Variance	440,669.31	4,988,823.86
Coefficient of Variation	1.92	2.32
Skewness	3.04	4.07
Kurtosis	9.78	21.56
Shapiro-Wilk Statistic	0.56	0.49
Shapiro-Wilk p-value	0.00	0.00
Anderson-Darling Statistic	16.99	24.25
p-value	<0.01	<0.01

Table 4.1.1c Summary Statistics for Annual Load Datasets

Statistical Parameter	Load (kg) Statistics for Station/Basin	
	WWEIR	**S-190**
No. of Data Points	9	11
Minimum	693.76	3,150.57
Maximum	7,543.87	28,716.80
Median	3,932.05	9,483.56
Mean	4,145.47	11,561.83
Standard Error of Mean	776.43	2,188.00
95.0% Lower CL	2,355.03	6,686.67
95.0% Upper CL	5,935.92	16,437.00
Standard Deviation	2,329.28	7,256.77
Variance	5,425,548.54	52,660,757.33
Coefficient of Variation	0.56	0.63
Skewness	-0.06	1.38
Kurtosis	-0.60	2.30
Shapiro-Wilk Statistic	0.95	0.90
Shapiro-Wilk p-value	0.64	0.17
Anderson-Darling Statistic	0.25	0.45
p-value	>0.15	>0.15

Histogram of Weekly Load at WWEIR

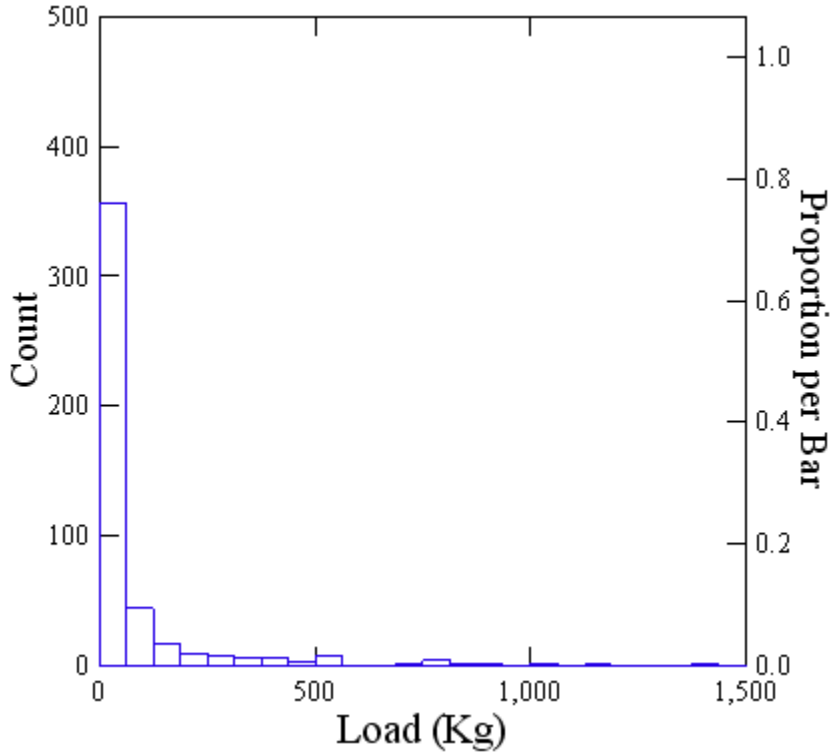

Figure 4.1.1a

Histogram of Monthly Load at WWEIR

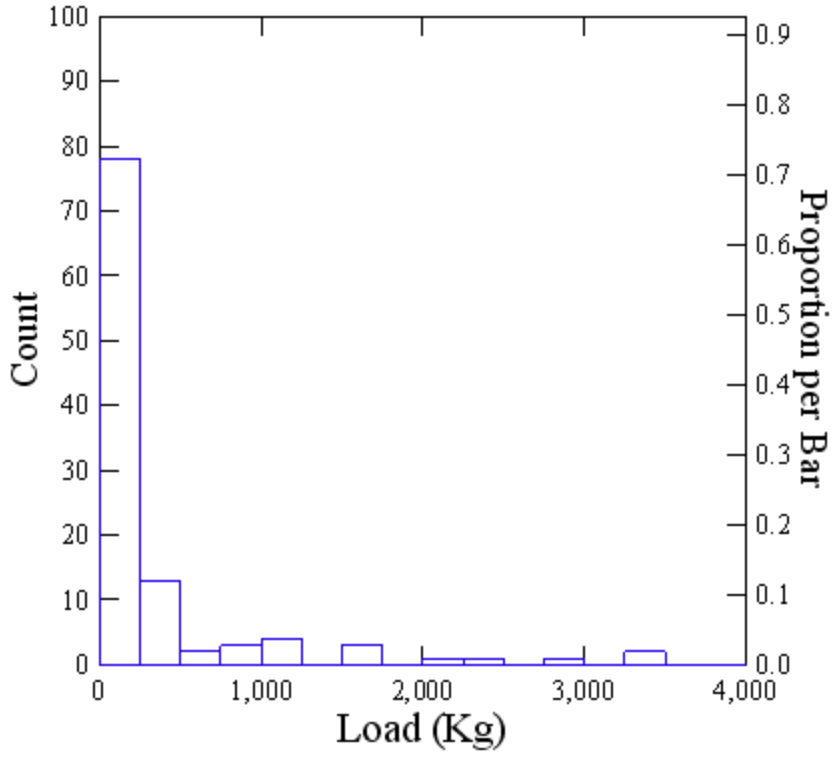

Figure 4.1.1b

Histogram of Annual Load at WWEIR

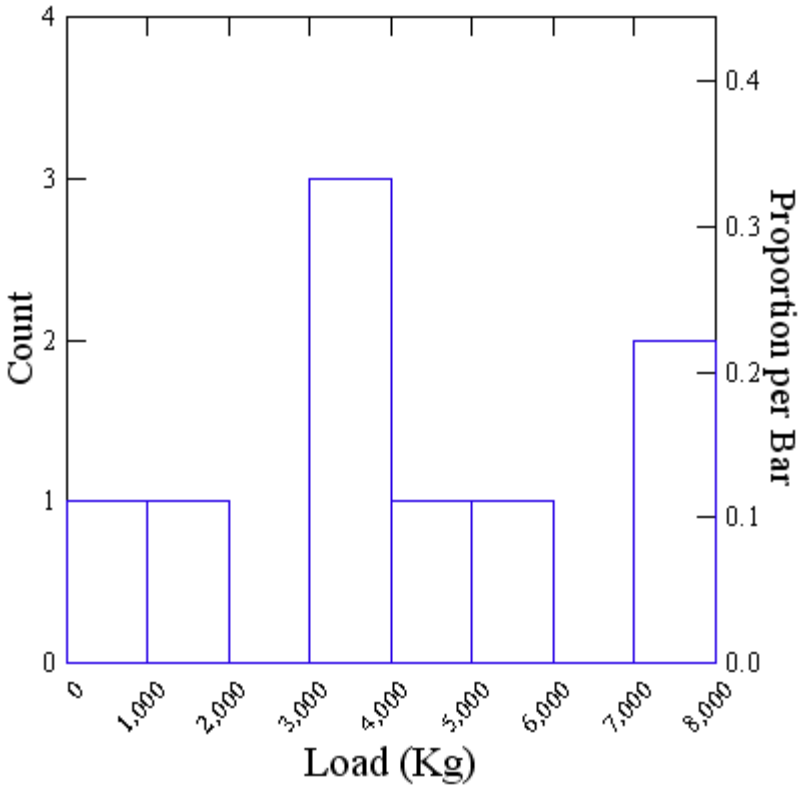

Figure 4.1.1c

Histogram of Weekly Load at S-190

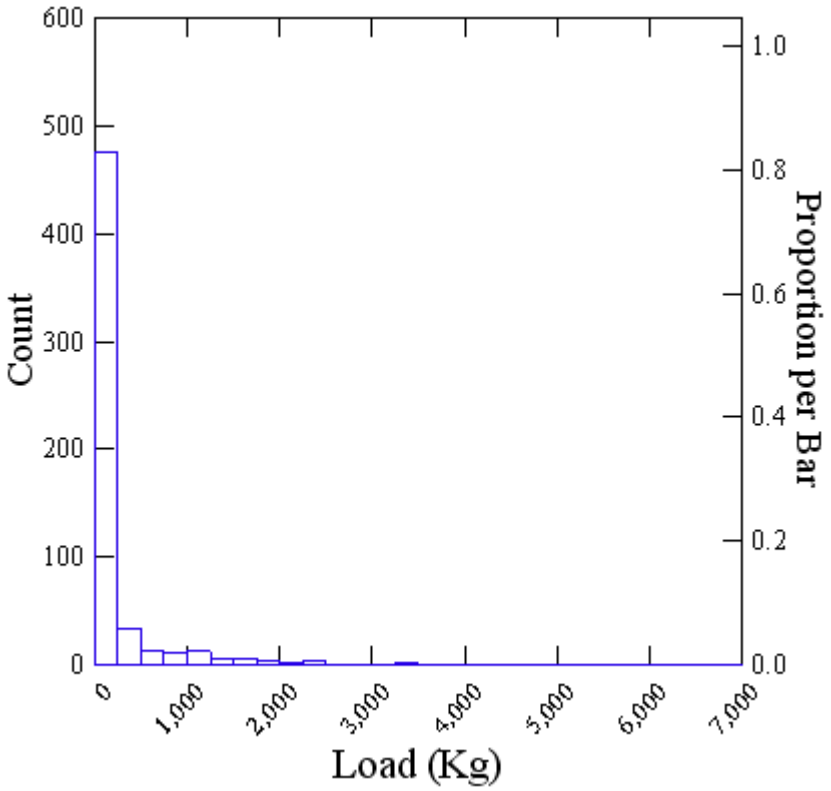

Figure 4.1.2a

Histogram of Monthly Load at S-190

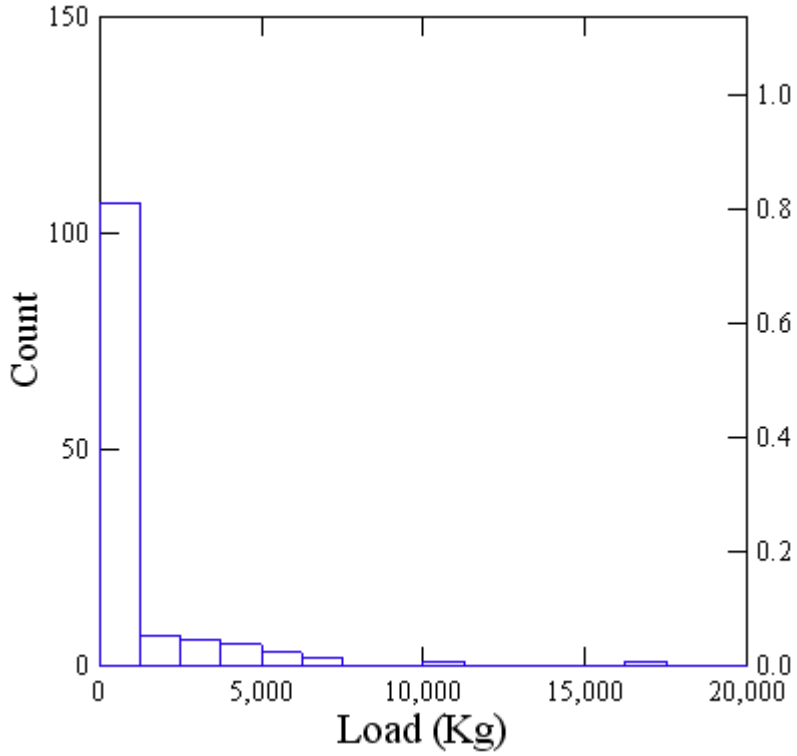

Figure 4.1.2b

Histogram of Annual Load at S-190

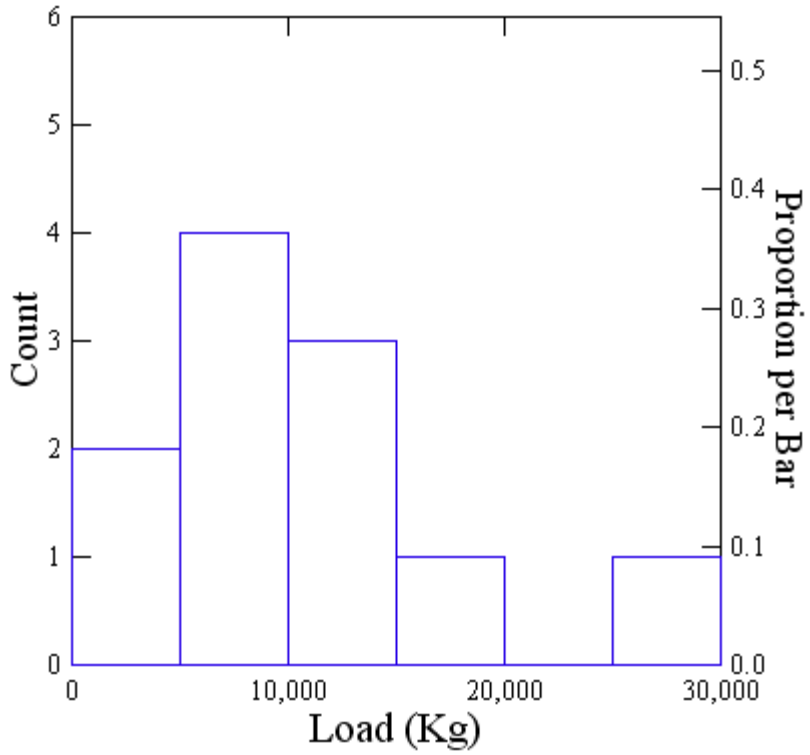

Figure 4.1.2c

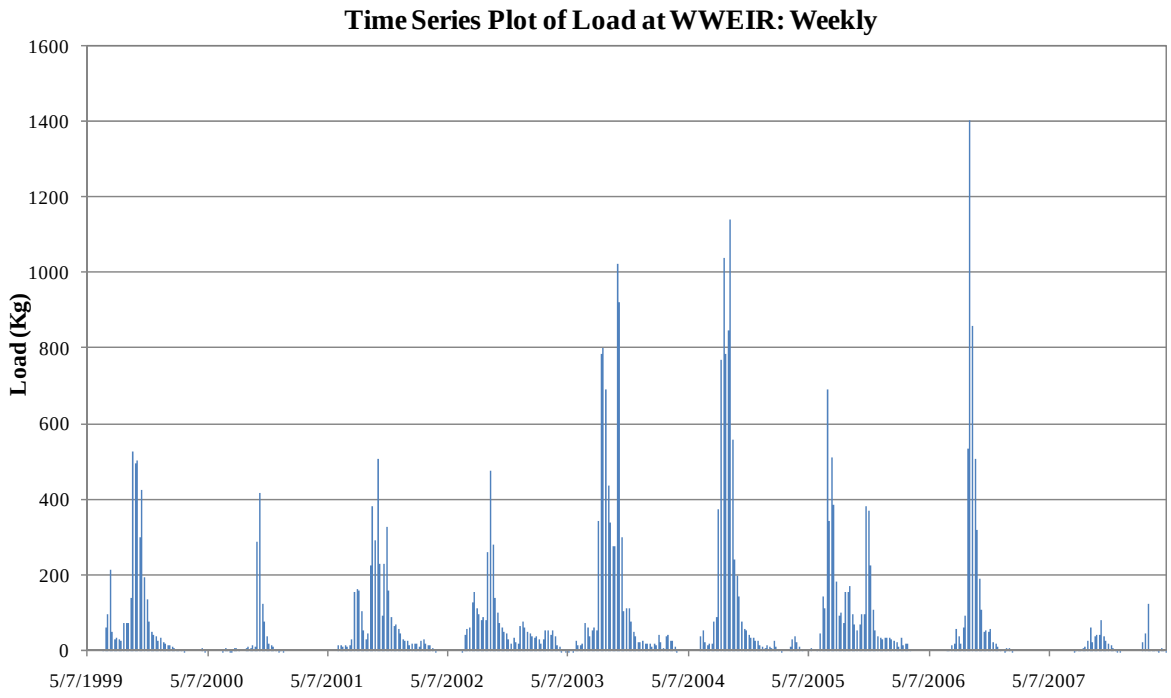

Figure 4.1.3a

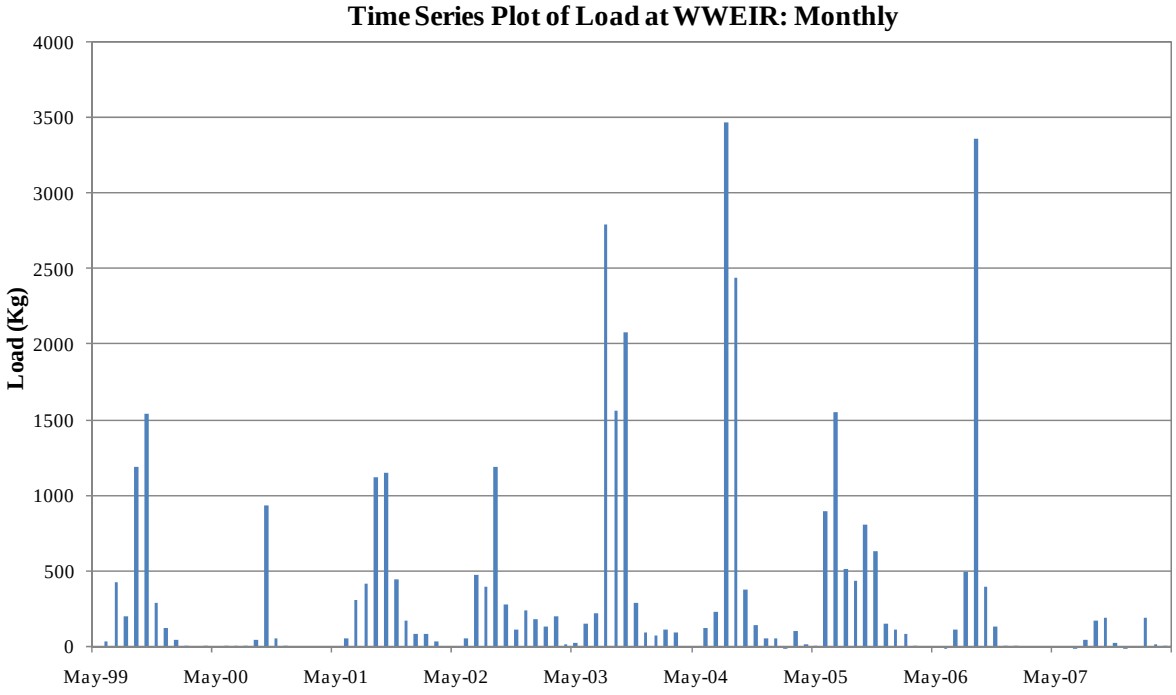

Figure 4.1.3b

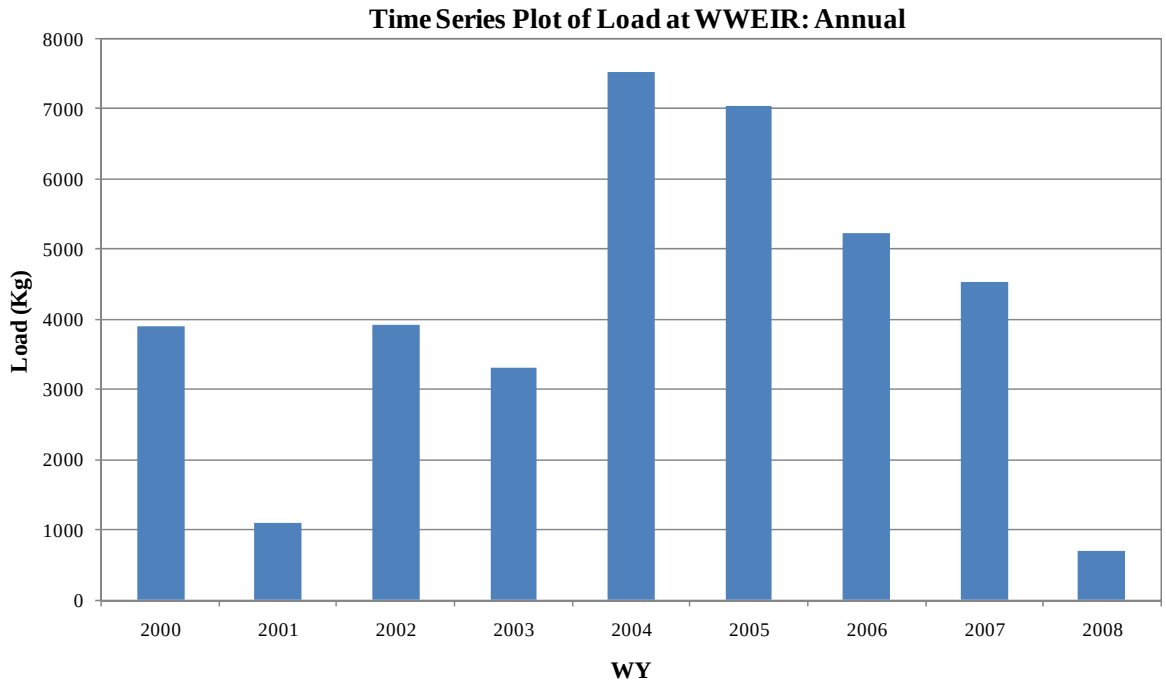

Figure 4.1.3c

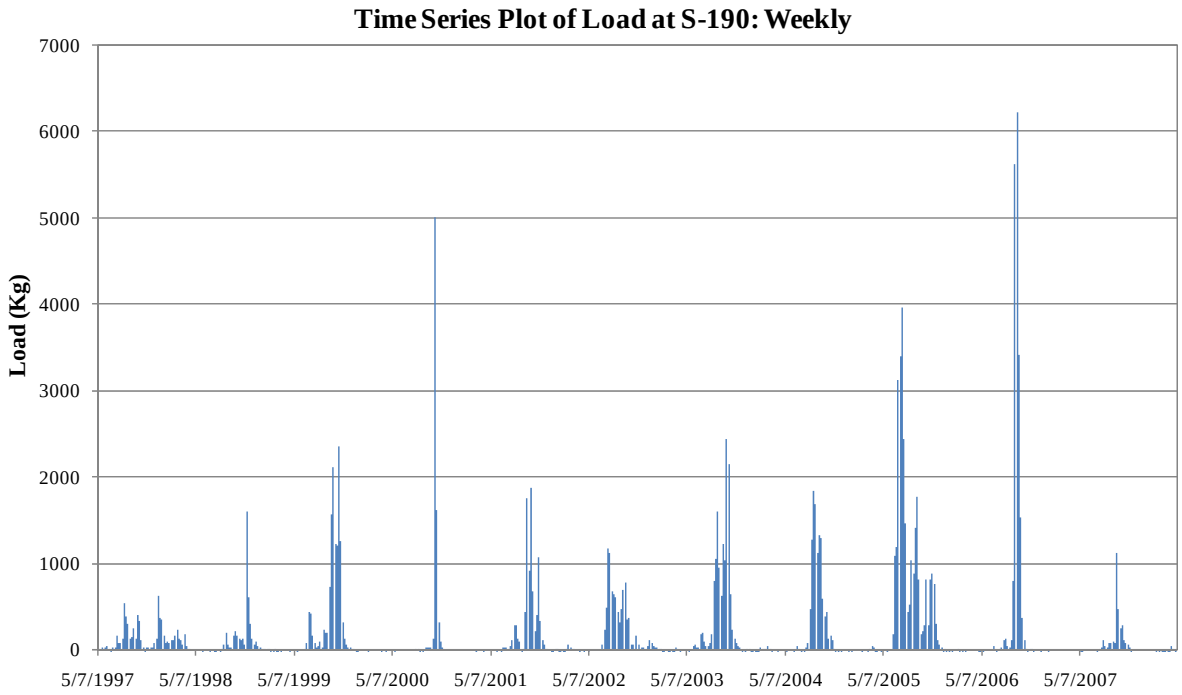

Figure 4.1.4a

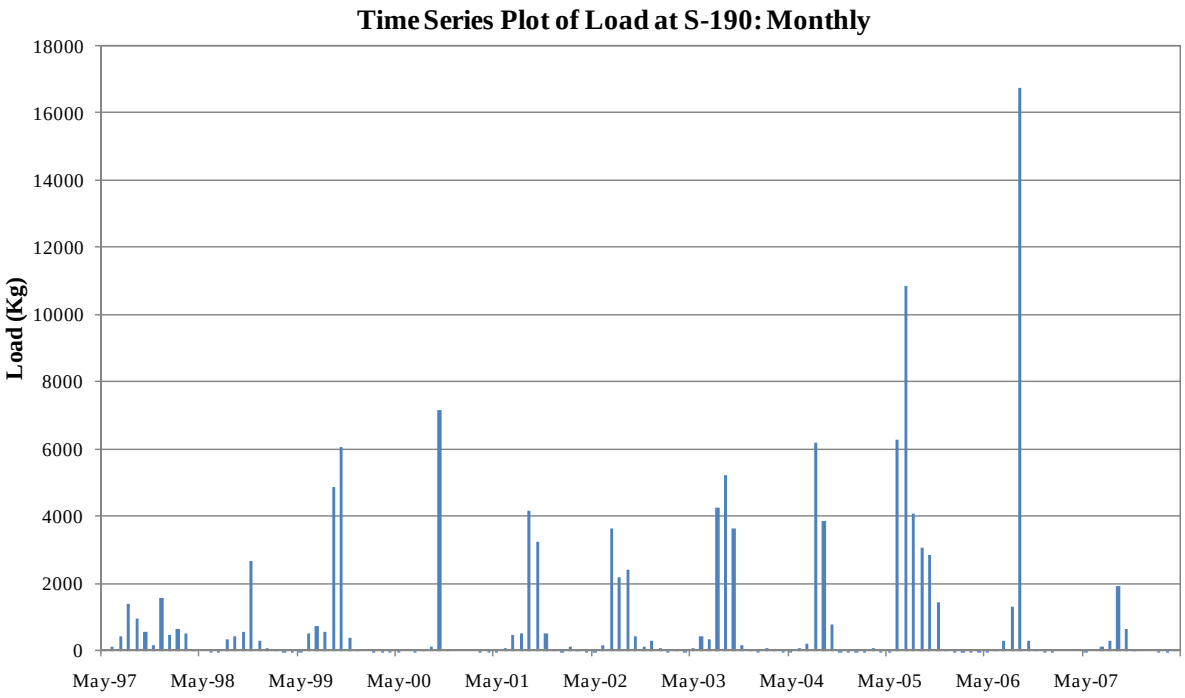

Figure 4.1.4b

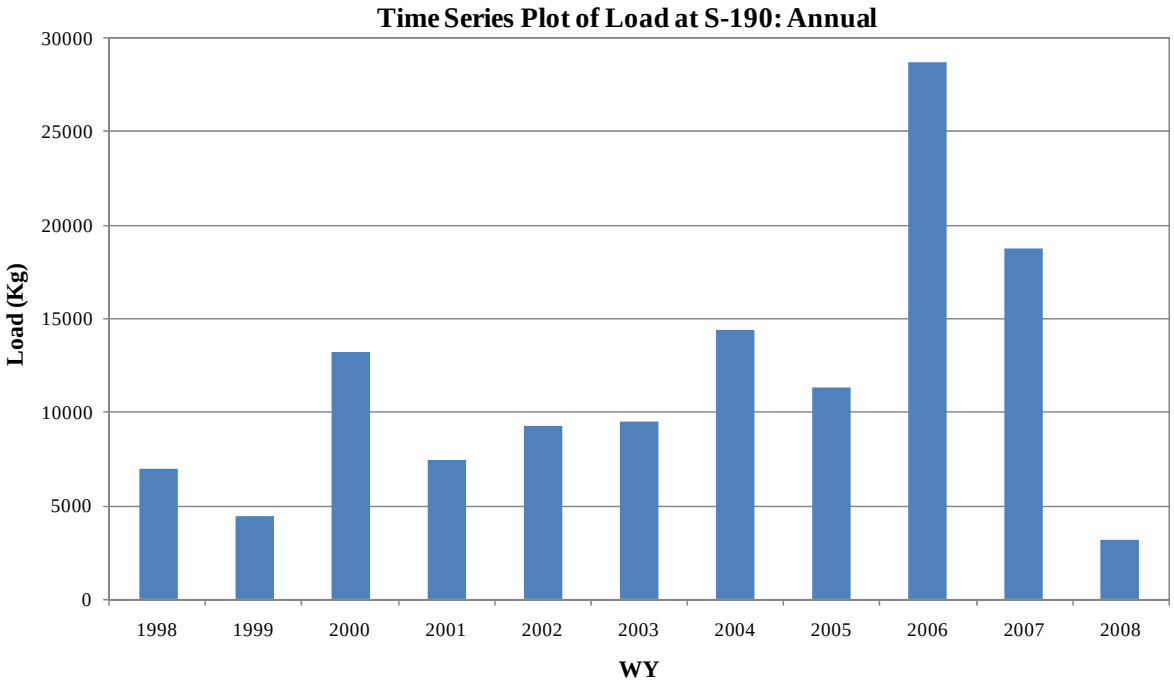

Figure 4.1.4c

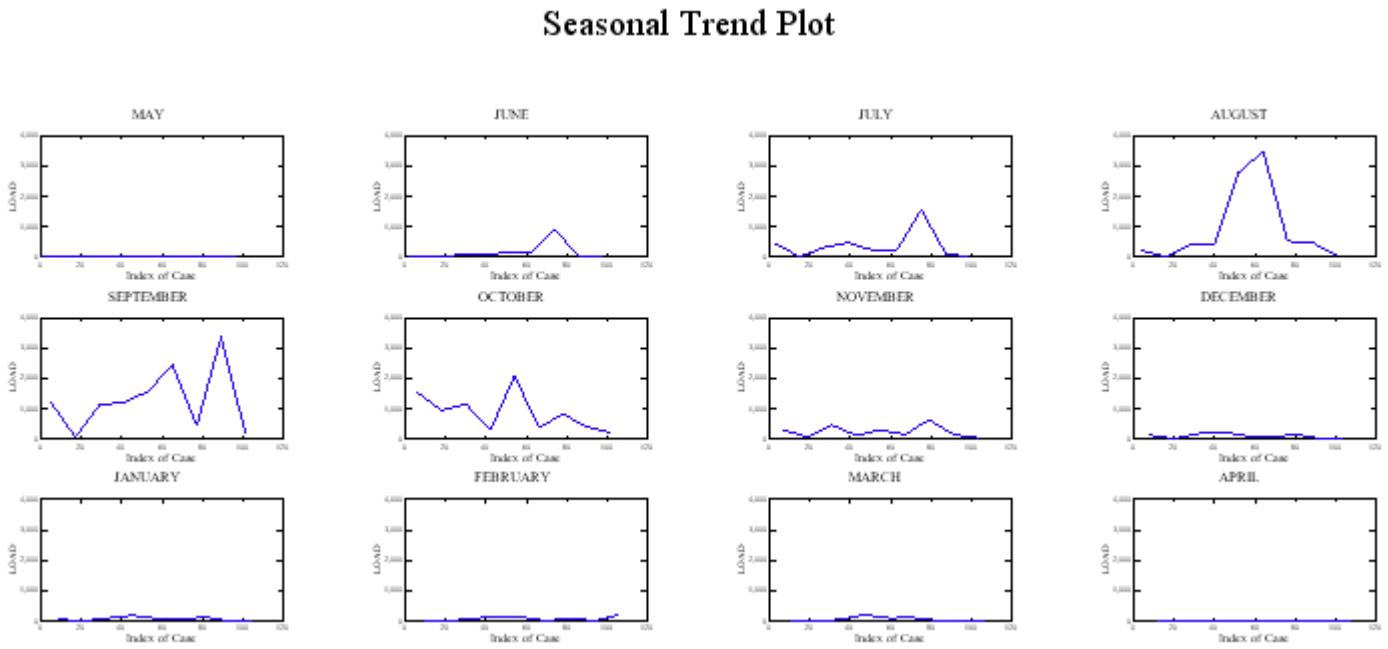

Figure 4.1.5a (Station WWEIR)

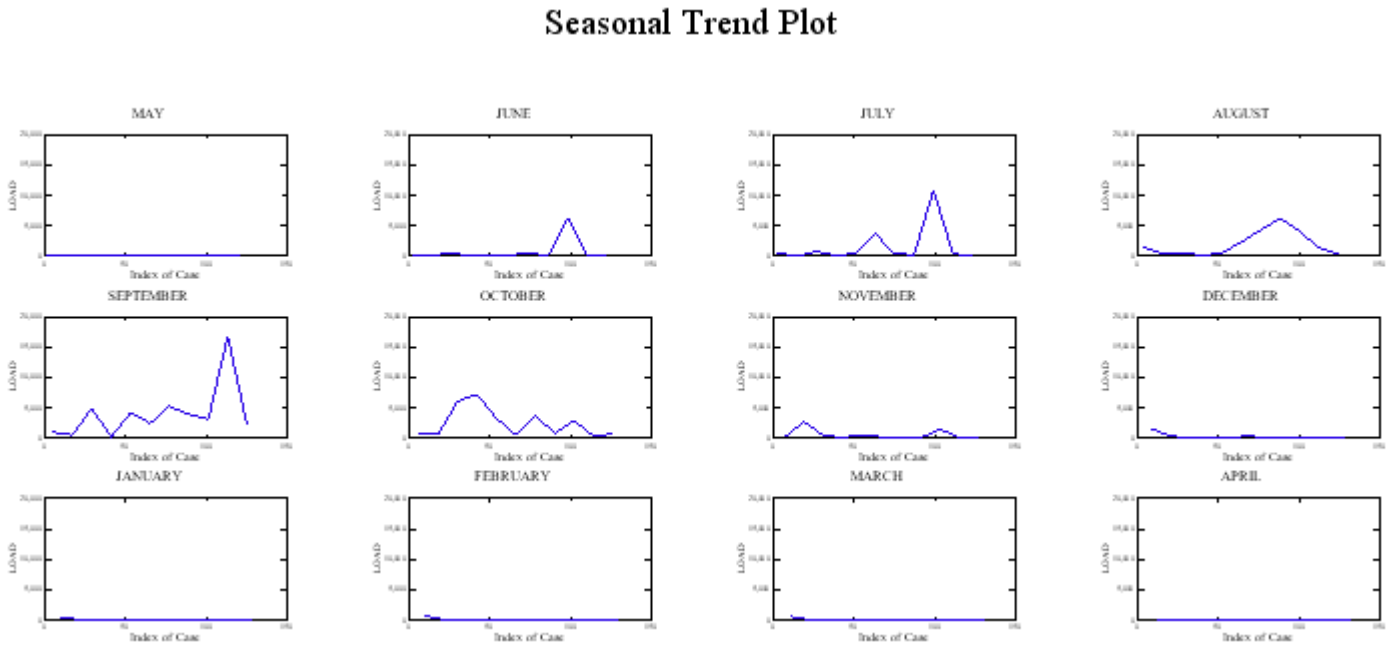

Figure 4.1.5b (Station S-190)

Regression Model Results – Weekly Untransformed Dataset

Dependent Variable	LOAD
N	574
Multiple R	0.9069
Squared Multiple R	0.8225
Adjusted Squared Multiple R	0.8215
Standard Error of Estimate	261.4257

Regression Coefficients B = $(X'X)^{-1}X'Y$

Effect	Coefficient	Standard Error	Std. Coefficient	Tolerance	t	p-value
CONSTANT	-45.4440	14.3669	0.0000	.	-3.1631	0.0016
RAIN	-36.7201	8.9519	-0.0808	0.8034	-4.1019	0.0000
RPLAG1	3.9030	9.8396	0.0087	0.6546	0.3967	0.6918
FLOW	0.1975	0.0050	0.9343	0.5512	39.3041	0.0000

Plot of Residuals vs Predicted Load for Feeder Canal Basin: Weekly

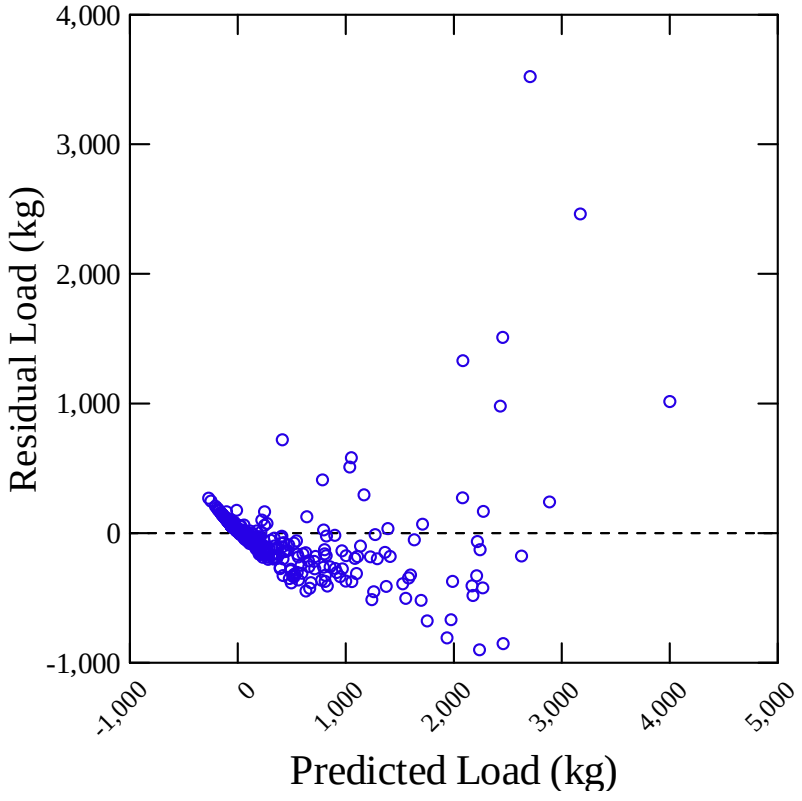

Figure 4.2.1a

Regression Model Results – Weekly Untransformed Dataset

Dependent Variable	LOAD
N	574
Multiple R	0.9069
Squared Multiple R	0.8224
Adjusted Squared Multiple R	0.8218
Standard Error of Estimate	261.2327

Regression Coefficients B = $(X'X)^{-1}X'Y$

Effect	Coefficient	Standard Error	Std. Coefficient	Tolerance	t	p-value
CONSTANT	-46.9955	13.8141	0.0000	.	-3.4020	0.0007
FLOW	0.1986	0.0041	0.9396	0.8080	47.8913	0.0000
RAIN	-36.9872	8.9200	-0.0814	0.8080	-4.1466	0.0000

Plot of Residuals vs Predicted Load for Feeder Canal Basin: Weekly

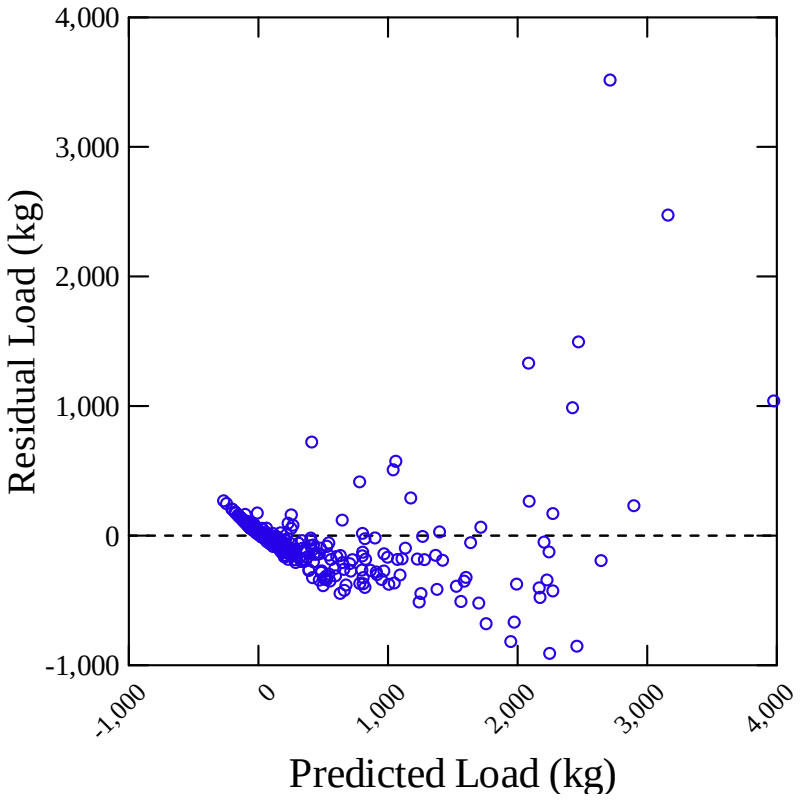

Figure 4.2.1b

Regression Model Results – Monthly Untransformed Dataset

Dependent Variable	LOAD
N	132
Multiple R	0.9136
Squared Multiple R	0.8346
Adjusted Squared Multiple R	0.8281
Standard Error of Estimate	926.1091

Regression Coefficients B = $(X'X)^{-1}X'Y$

Effect	Coefficient	Standard Error	Std. Coefficient	Tolerance	t	p-value
CONSTANT	-888.3988	966.5575	0.0000	.	-0.9191	0.3598
RAIN	-49.6658	36.4132	-0.0851	0.3374	-1.3640	0.1750
RPLAG1	-11.7866	28.0772	-0.0205	0.5517	-0.4198	0.6754
KURTOSIS	-38.5920	61.1725	-0.1504	0.0231	-0.6309	0.5293
SKEWNESS	358.1106	487.2314	0.1860	0.0205	0.7350	0.4637
FLOW	0.2032	0.0119	0.9953	0.3830	17.0032	0.0000

Plot of Residuals vs Predicted Load for Feeder Canal Basin: Monthly

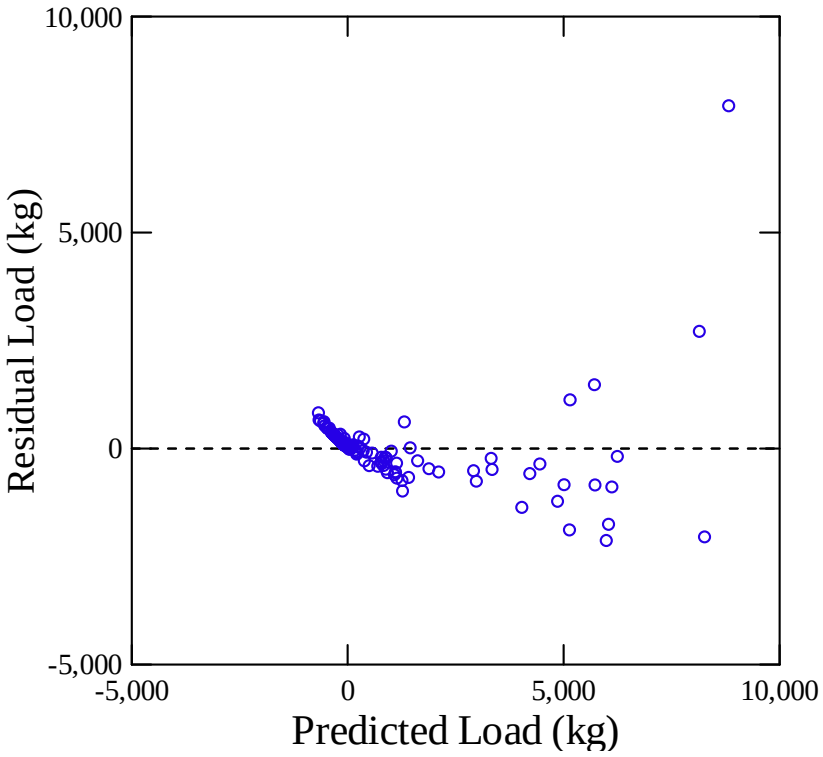

Figure 4.2.2a

Regression Model Results – Monthly Untransformed Dataset

Dependent Variable	LOAD
N	132
Multiple R	0.9128
Squared Multiple R	0.8332
Adjusted Squared Multiple R	0.8306
Standard Error of Estimate	919.2621

Regression Coefficients B = $(X'X)^{-1}X'Y$

Effect	Coefficient	Standard Error	Std. Coefficient	Tolerance	t	p-value
CONSTANT	-76.8878	123.3095	0.0000	.	-0.6235	0.5340
RAIN	-70.4269	27.8819	-0.1206	0.5670	-2.5259	0.0128
FLOW	0.2016	0.0097	0.9876	0.5670	20.6809	0.0000

Plot of Residuals vs Predicted Load for Feeder Canal Basin: Monthly

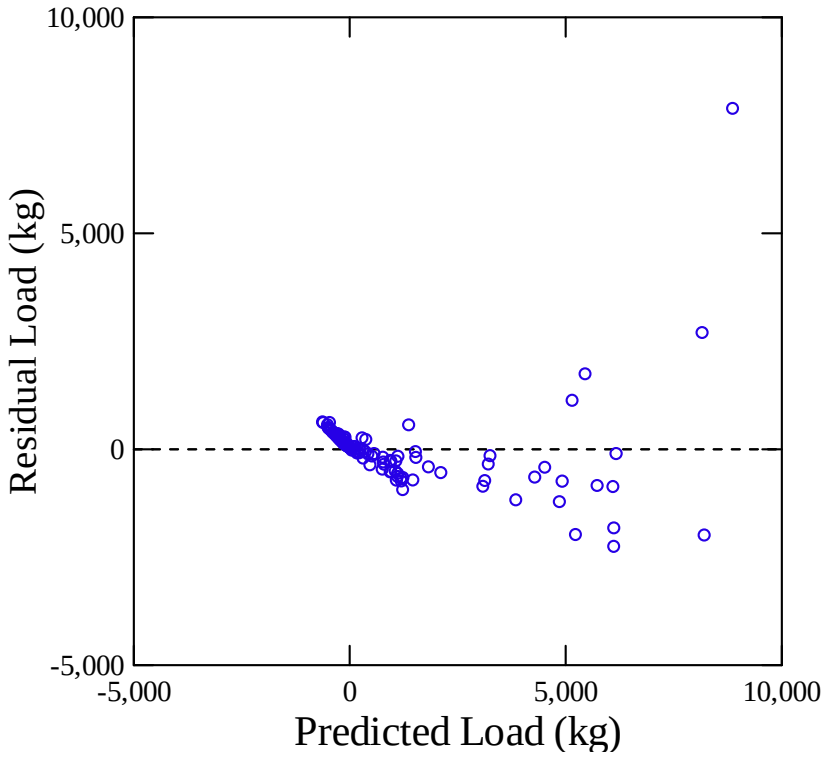

Figure 4.2.2b

Regression Model Results – Annual Untransformed Dataset

Dependent Variable	LOAD
N	11
Multiple R	0.8483
Squared Multiple R	0.7197
Adjusted Squared Multiple R	0.6496
Standard Error of Estimate	4,295.6428

Regression Coefficients B = $(X'X)^{-1}X'Y$

Effect	Coefficient	Standard Error	Std. Coefficient	Tolerance	t	p-value
CONSTANT	-17,763.5133	15,116.0664	0.0000	.	-1.1751	0.2737
RAIN	372.6748	343.3126	0.3059	0.4413	1.0855	0.3093
FLOW	0.1196	0.0566	0.5950	0.4413	2.1115	0.0677

Plot of Residuals vs Predicted Load for Feeder Canal Basin: Annual

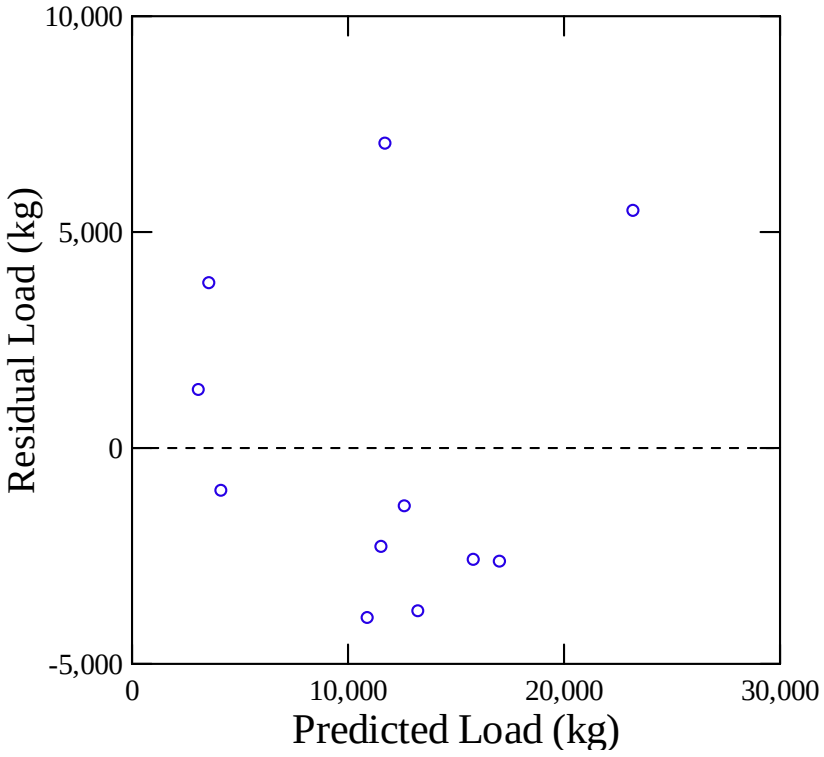

Figure 4.2.3

Regression Model Results – Weekly Box-Cox Transformed Dataset

Dependent Variable	LOAD_Transformed
N	574
Multiple R	0.9899
Squared Multiple R	0.9800
Adjusted Squared Multiple R	0.9799
Standard Error of Estimate	0.8452

Regression Coefficients B = $(X'X)^{-1}X'Y$

Effect	Coefficient	Standard Error	Std. Coefficient	Tolerance	t	p-value
CONSTANT	-1.8092	0.0505	0.0000	.	-35.8161	0.0000
RAIN_Transformed	0.0167	0.0208	0.0052	0.8444	0.8005	0.4238
RPLAG1	0.1835	0.0283	0.0422	0.8268	6.4827	0.0000
FLOW_Transformed	0.7380	0.0052	0.9701	0.7525	142.0184	0.0000

Plot of Residuals vs Predicted Load for Feeder Canal Basin: Weekly

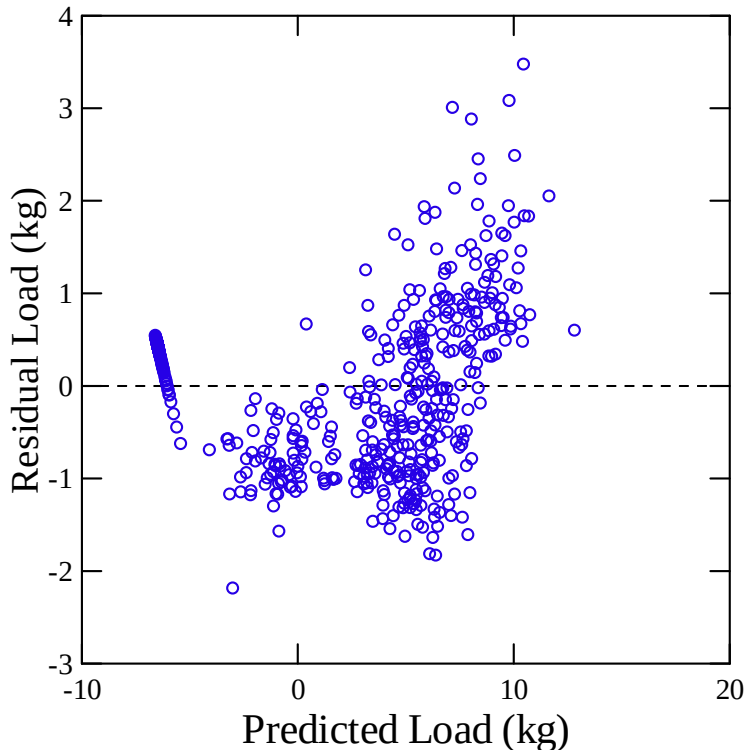

Figure 4.2.4a

Regression Model Results – Weekly Box-Cox Transformed Dataset

Dependent Variable	LOAD_Transformed
N	574
Multiple R	0.9899
Squared Multiple R	0.9800
Adjusted Squared Multiple R	0.9799
Standard Error of Estimate	0.8449

Regression Coefficients B = $(X'X)^{-1}X'Y$

Effect	Coefficient	Standard Error	Std. Coefficient	Tolerance	t	p-value
CONSTANT	-1.8324	0.0413	0.0000	.	-44.3659	0.0000
FLOW_Transformed	0.7393	0.0049	0.9719	0.8369	150.0852	0.0000
RPLAG1	0.1860	0.0281	0.0428	0.8369	6.6125	0.0000

Plot of Residuals vs Predicted Load for Feeder Canal Basin: Weekly

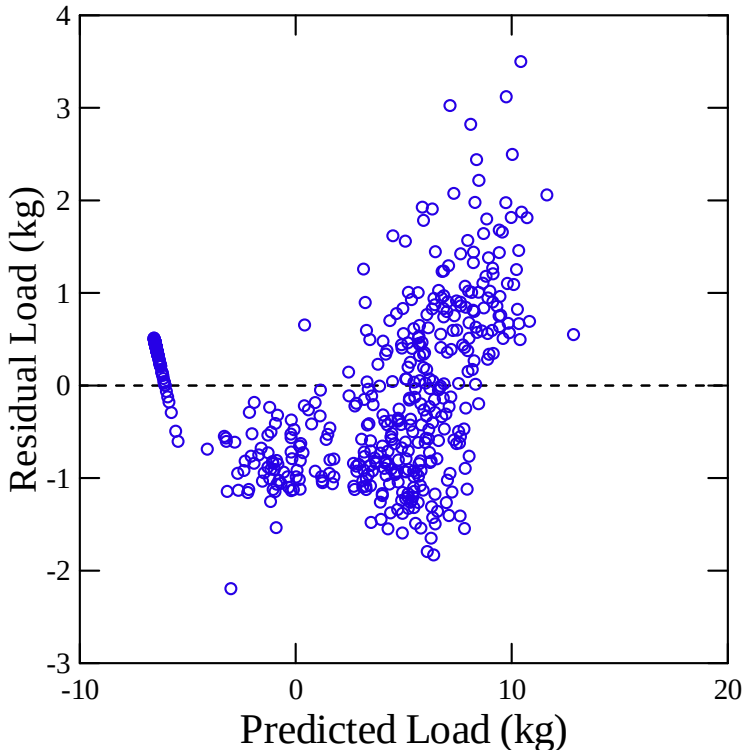

Figure 4.2.4b

Regression Model Results – Weekly Logarithmic Transformed Dataset

Dependent Variable	LN_LOAD
N	574
Multiple R	0.9932
Squared Multiple R	0.9864
Adjusted Squared Multiple R	0.9863
Standard Error of Estimate	0.7455

Regression Coefficients B = $(X'X)^{-1}X'Y$

Effect	Coefficient	Standard Error	Std. Coefficient	Tolerance	t	p-value
CONSTANT	-1.5889	0.0387	0.0000	.	-41.0987	0.0000
LN_RAIN	0.0200	0.0102	0.0103	0.8817	1.9725	0.0490
RPLAG1	0.1707	0.0244	0.0367	0.8691	7.0115	0.0000
LN_FLOW	0.8394	0.0046	0.9767	0.8219	181.2525	0.0000

Plot of Residuals vs Predicted Load for Feeder Canal Basin: Weekly

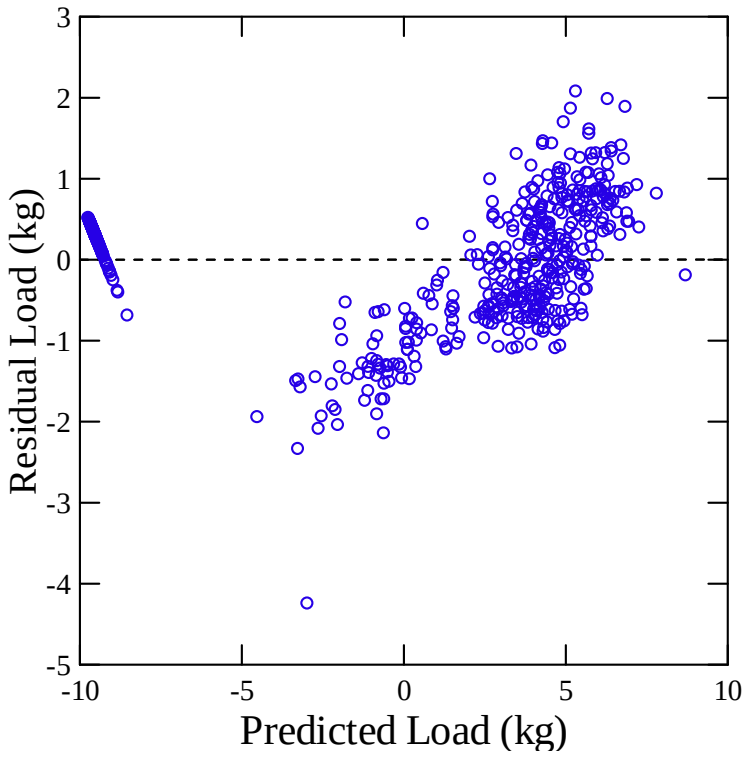

Figure 4.2.4c

Regression Model Results – Monthly Box-Cox Transformed Dataset

Dependent Variable	LOAD_Transformed
N	132
Multiple R	0.9888
Squared Multiple R	0.9777
Adjusted Squared Multiple R	0.9768
Standard Error of Estimate	0.9078

Regression Coefficients B = $(X'X)^{-1}X'Y$

Effect	Coefficient	Standard Error	Std. Coefficient	Tolerance	t	p-value
CONSTANT	-2.4717	0.8590	0.0000	.	-2.8775	0.0047
RAIN_Transformed	0.1483	0.0741	0.0386	0.4768	2.0026	0.0474
RPLAG1	0.1257	0.0273	0.0819	0.5598	4.6009	0.0000
KURTOSIS	-0.0085	0.0566	-0.0125	0.0259	-0.1508	0.8804
SKEWNESS	0.1169	0.4459	0.0228	0.0235	0.2621	0.7937
FLOW_Transformed	0.7482	0.0155	0.9168	0.4916	48.2799	0.0000

Plot of Residuals vs Predicted Load for Feeder Canal Basin: Monthly

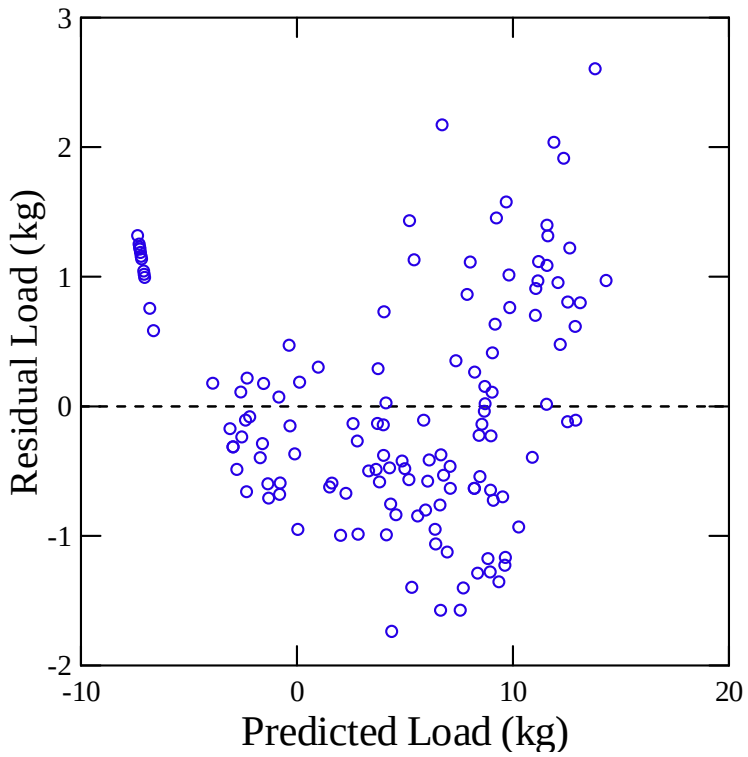

Figure 4.2.5a

Regression Model Results – Monthly Box-Cox Transformed Dataset

Dependent Variable	LOAD_Transformed
N	132
Multiple R	0.9887
Squared Multiple R	0.9776
Adjusted Squared Multiple R	0.9771
Standard Error of Estimate	0.9020

Regression Coefficients B = $(X'X)^{-1}X'Y$

Effect	Coefficient	Standard Error	Std. Coefficient	Tolerance	t	p-value
CONSTANT	-2.1590	0.1543	0.0000	.	-13.9930	0.0000
RAIN_Transformed	0.1229	0.0594	0.0320	0.7307	2.0683	0.0406
RPLAG1	0.1236	0.0269	0.0805	0.5690	4.5899	0.0000
FLOW_Transformed	0.7486	0.0154	0.9173	0.4925	48.6631	0.0000

Plot of Residuals vs Predicted Load for Feeder Canal Basin: Monthly

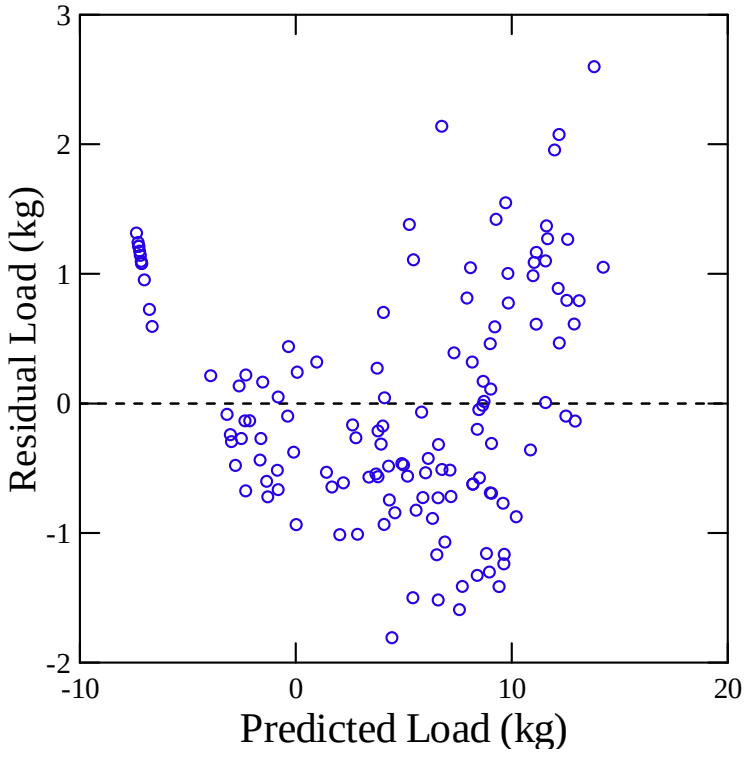

Figure 4.2.5b

Regression Model Results – Monthly Logarithmic Transformed Dataset

Dependent Variable	LN_LOAD
N	132
Multiple R	0.9902
Squared Multiple R	0.9805
Adjusted Squared Multiple R	0.9798
Standard Error of Estimate	0.7363

Regression Coefficients B = $(X'X)^{-1}X'Y$

Effect	Coefficient	Standard Error	Std. Coefficient	Tolerance	t	p-value
CONSTANT	-1.1694	0.6473	0.0000	.	-1.8065	0.0732
LN_RAIN	0.0788	0.0597	0.0209	0.6140	1.3199	0.1893
RPLAG1	0.1196	0.0206	0.0896	0.6509	5.8178	0.0000
KURTOSIS	0.0429	0.0448	0.0722	0.0272	0.9579	0.3399
SKEWNESS	-0.3536	0.3487	-0.0793	0.0253	-1.0139	0.3126
LN_FLOW	0.8600	0.0145	0.9255	0.6373	59.4324	0.0000

Plot of Residuals vs Predicted Load for Feeder Canal Basin: Monthly

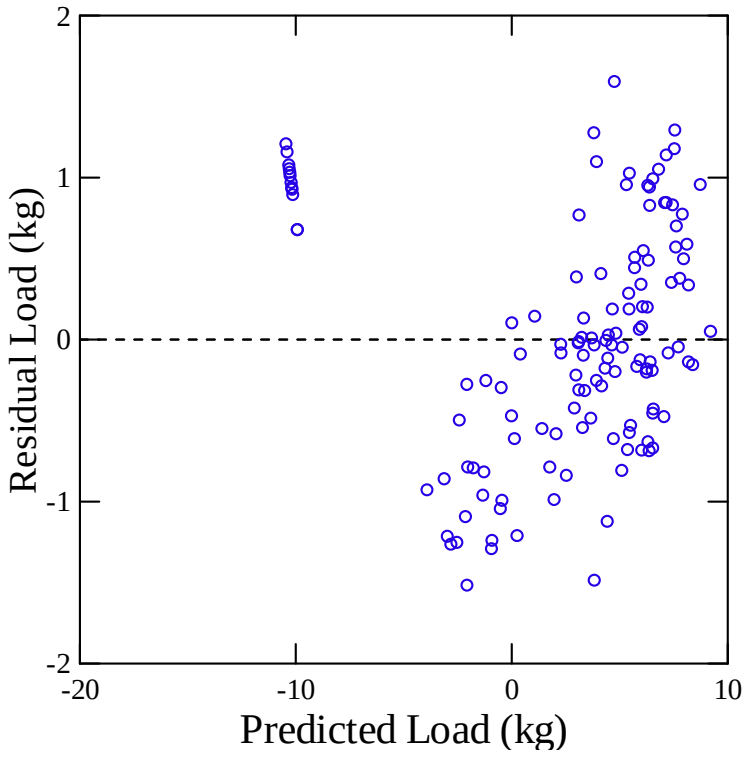

Figure 4.2.5c

Regression Model Results – Monthly Logarithmic Transformed Dataset

Dependent Variable	LN_LOAD
N	132
Multiple R	0.9901
Squared Multiple R	0.9804
Adjusted Squared Multiple R	0.9799
Standard Error of Estimate	0.7336

Regression Coefficients B = $(X'X)^{-1}X'Y$

Effect	Coefficient	Standard Error	Std. Coefficient	Tolerance	t	p-value
CONSTANT	-1.8287	0.1009	0.0000	.	-18.1254	0.0000
LN_RAIN	0.1037	0.0503	0.0276	0.8594	2.0626	0.0412
RPLAG1	0.1227	0.0200	0.0920	0.6799	6.1238	0.0000
LN_FLOW	0.8596	0.0144	0.9251	0.6378	59.6441	0.0000

Plot of Residuals vs Predicted Load for Feeder Canal Basin: Monthly

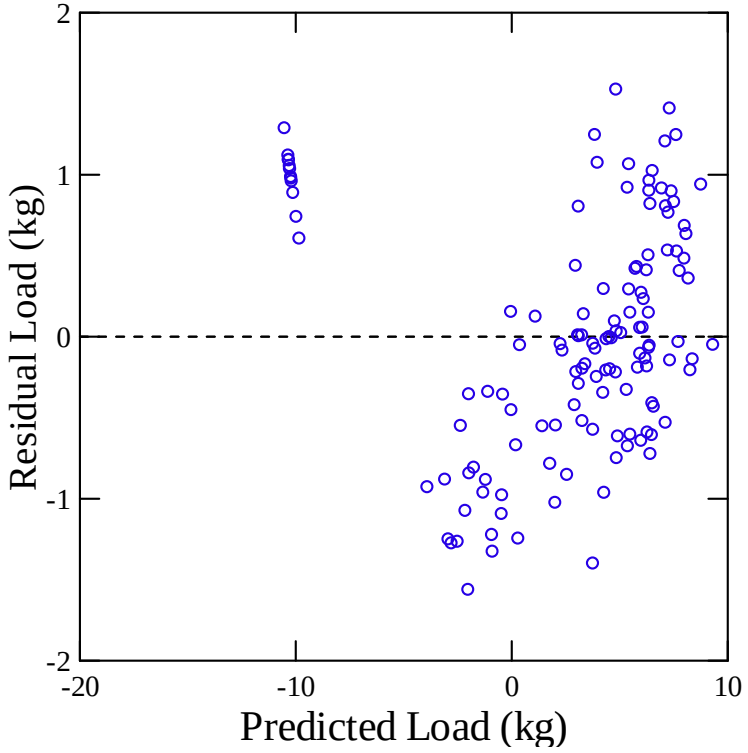

Figure 4.2.5d

Regression Model Results – Annual Box-Cox Transformed Dataset

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.849589
R Square	0.721801
Adjusted R Squar	0.652251
Standard Error	69362346
Observations	11

ANOVA

	df	*SS*	*MS*	*F*	*ignificance F*
Regression	2	9.99E+16	4.99E+16	10.3782	0.00599
Residual	8	3.85E+16	4.81E+15		
Total	10	1.38E+17			

	Coefficients	*tandard Erro*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*ower 95.0%*	*Upper 95.0%*
Intercept	-1.1E+08	1.28E+08	-0.84231	0.42408	-4E+08	1.88E+08	-4E+08	1.88E+08
Rainfall_T	69730.24	109098.2	0.639151	0.540589	-181851	321311.1	-181851	321311.1
Flow_T	0.026239	0.010546	2.488031	0.037638	0.00192	0.050558	0.00192	0.050558

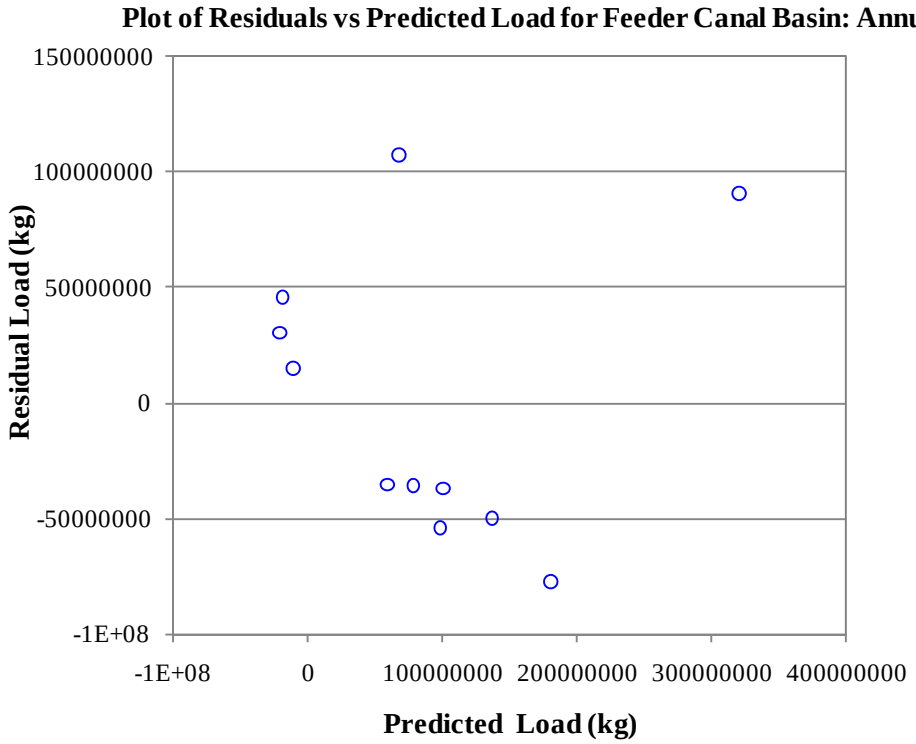

Figure 4.2.6a

Regression Model Results – Annual Box-Cox Transformed Dataset

Dependent Variable	LOAD_Transformed
N	11
Multiple R	0.8412
Squared Multiple R	0.7076
Adjusted Squared Multiple R	0.6751
Standard Error of Estimate	6.7044E+007

Regression Coefficients B = $(X'X)^{-1}X'Y$

Effect	Coefficient	Standard Error	Std. Coefficient	Tolerance	t	p-value
CONSTANT	-2.8988E+007	3.2668E+007	0.0000	.	-0.8874	0.3980
FLOW_Transformed	0.0313	0.0067	0.8412	1.0000	4.6668	0.0012

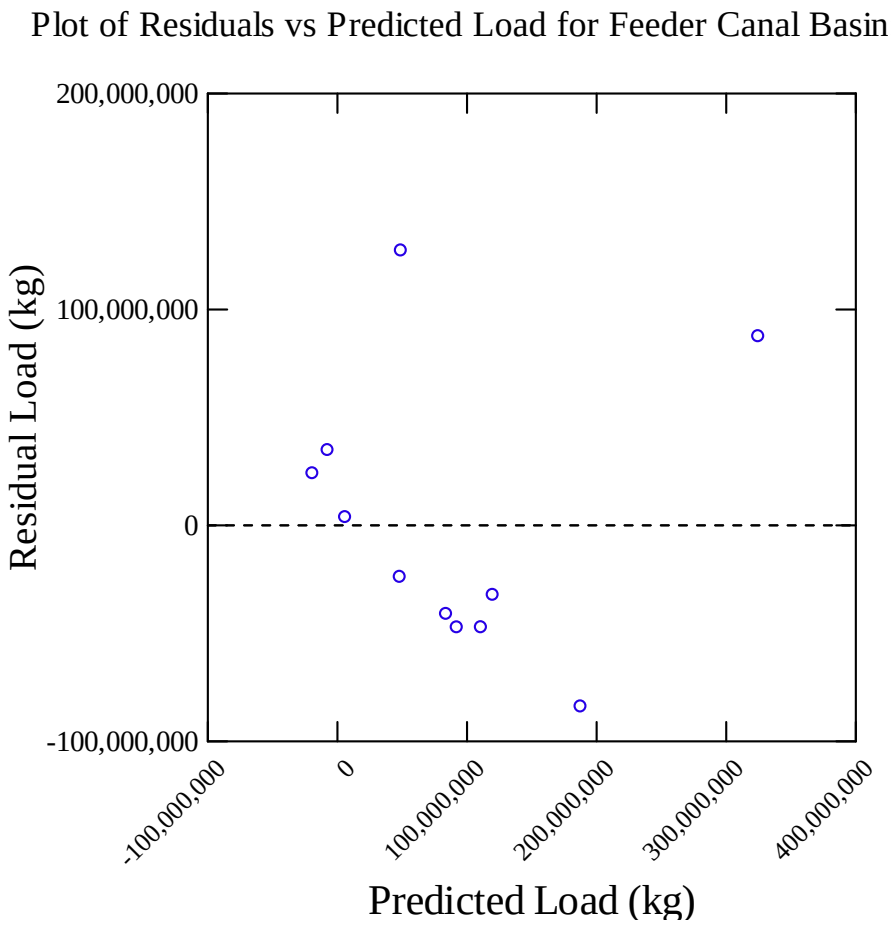

Figure 4.2.6b

Regression Model Results – Annual Logarithmic Transformed Dataset

Dependent Variable	LN_LOAD
N	11
Multiple R	0.8776
Squared Multiple R	0.7702
Adjusted Squared Multiple R	0.7127
Standard Error of Estimate	0.3367

Regression Coefficients B = $(X'X)^{-1}X'Y$

Effect	Coefficient	Standard Error	Std. Coefficient	Tolerance	t	p-value
CONSTANT	-5.7209	3.5851	0.0000	.	-1.5958	0.1492
LN_FLOW	0.7915	0.2787	0.6570	0.5367	2.8399	0.0218
LN_RAIN	1.5271	1.2325	0.2866	0.5367	1.2390	0.2505

Plot of Residuals vs Predicted Load for Feeder Canal Basin: Annual

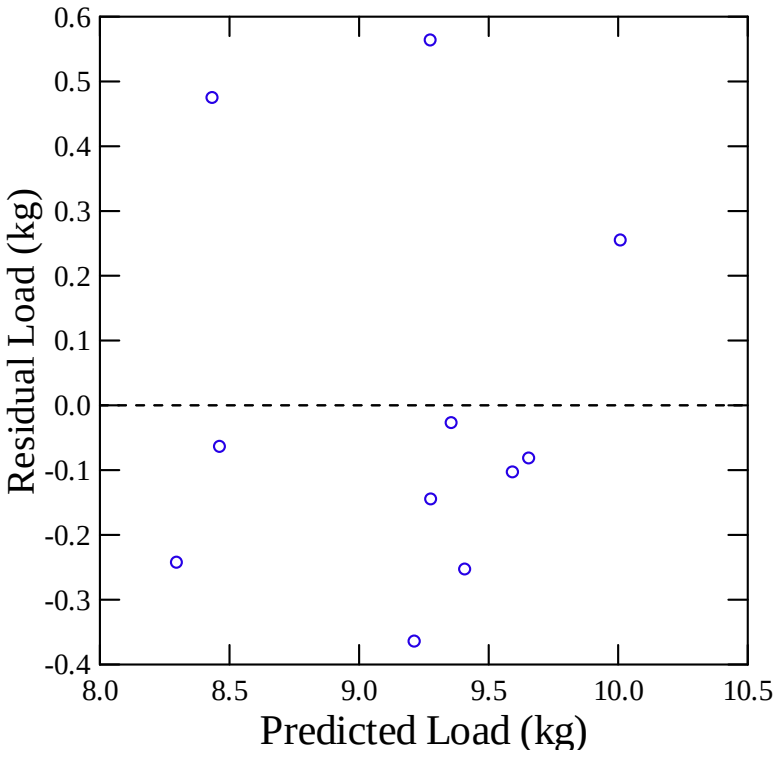

Figure 4.2.6c

Regression Model Results – Annual Logarithmic Transformed Dataset

Dependent Variable	LN_LOAD
N	11
Multiple R	0.8521
Squared Multiple R	0.7261
Adjusted Squared Multiple R	0.6956
Standard Error of Estimate	0.3466

Regression Coefficients B = $(X'X)^{-1}X'Y$

Effect	Coefficient	Standard Error	Std. Coefficient	Tolerance	t	p-value
CONSTANT	-2.2995	2.3532	0.0000	.	-0.9772	0.3540
LN_FLOW	1.0266	0.2102	0.8521	1.0000	4.8843	0.0009

Plot of Residuals vs Predicted Load for Feeder Canal Basin: Annual

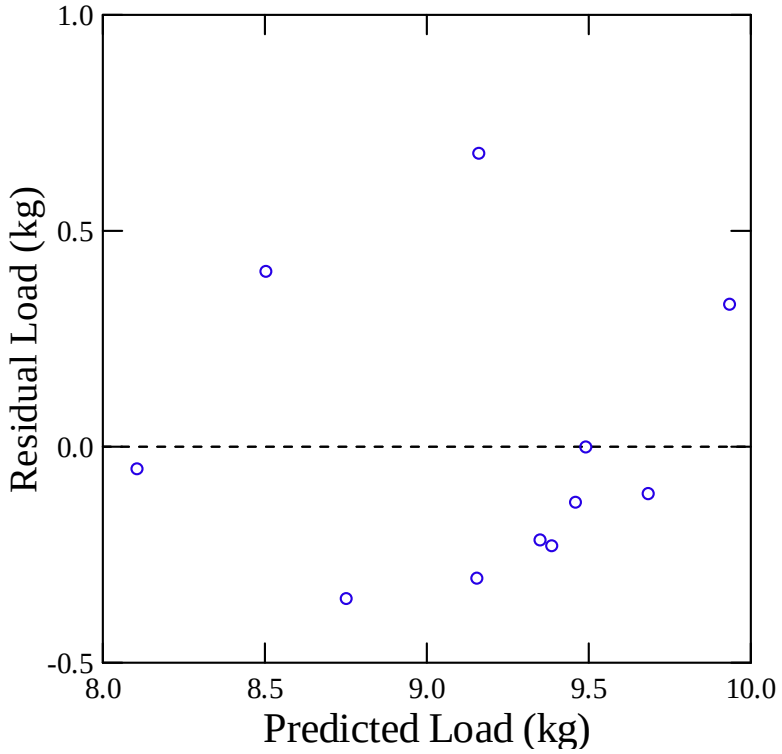

Figure 4.2.6d

APPENDIX B
Rainfall, Flow, and Load Datasets

WY	Feeder Canal Basin	S-190		WWEIR
	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
1998	54.43	70316.76	6982.67	
1999	40.79	47467.25	4448.46	
2000	58.86	97583.93	13244.50	3903.89
2001	45.37	37284.61	7406.84	1089.08
2002	51.43	85016.67	9269.75	3932.05
2003	55.03	88061.89	9483.56	3320.04
2004	55.66	117698.68	14410.31	7543.87
2005	51.25	94581.30	11284.25	7056.55
2006	61.77	150359.23	28716.80	5235.70
2007	56.49	70726.93	18782.46	4534.33
2008	50.69	25310.17	3150.57	693.76

	Feeder Canal Basin	S-190		WWEIR
Month	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
May-97	5.21	2016.66	62.19	
Jun-97	7.07	3530.82	111.79	
Jul-97	5.60	7182.44	434.25	
Aug-97	8.54	12509.18	1412.88	
Sep-97	5.03	7764.59	947.10	
Oct-97	1.51	2853.77	592.17	
Nov-97	4.47	1446.45	158.43	
Dec-97	6.52	13208.19	1564.73	
Jan-98	2.35	5159.68	477.43	
Feb-98	3.58	6384.14	672.47	
Mar-98	3.92	7744.35	516.23	
Apr-98	0.62	516.48	32.99	
May-98	2.12	0.00	0.00	
Jun-98	2.83	0.42	0.02	
Jul-98	5.77	12.13	0.40	
Aug-98	6.60	5330.41	351.09	
Sep-98	6.90	6838.29	446.40	
Oct-98	4.02	5684.92	578.04	
Nov-98	6.95	21971.79	2667.05	
Dec-98	1.71	4811.59	288.58	
Jan-99	1.74	1937.62	80.92	
Feb-99	0.76	643.94	26.00	
Mar-99	0.23	222.52	9.33	
Apr-99	1.16	13.62	0.64	
May-99	4.66	2.10	0.10	0.00
Jun-99	11.28	5826.67	543.37	42.14
Jul-99	4.97	9472.67	745.03	425.99
Aug-99	9.77	10003.48	570.83	207.52
Sep-99	10.03	32388.58	4882.98	1197.73
Oct-99	7.98	33855.15	6062.75	1542.78
Nov-99	0.97	5477.28	408.69	297.37
Dec-99	0.35	555.81	30.66	122.83
Jan-00	0.58	0.00	0.00	50.10
Feb-00	1.08	0.16	0.01	10.97
Mar-00	1.80	1.69	0.08	0.00
Apr-00	5.40	0.34	0.02	6.48
May-00	1.56	2.58	0.11	0.00
Jun-00	7.57	0.00	0.00	8.74
Jul-00	5.78	364.09	10.78	14.56
Aug-00	5.28	834.96	28.11	10.75
Sep-00	6.36	3626.04	135.48	49.30
Oct-00	12.84	31995.27	7191.55	940.49

	Feeder Canal Basin	S-190		WWEIR
Month	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
Nov-00	0.00	457.49	40.63	60.33
Dec-00	0.64	0.00	0.00	4.91
Jan-01	0.84	0.00	0.00	0.00
Feb-01	0.03	0.00	0.00	0.00
Mar-01	4.15	0.83	0.06	0.00
Apr-01	0.31	3.35	0.12	0.00
May-01	5.43	0.34	0.02	0.00
Jun-01	7.33	1631.40	75.22	61.03
Jul-01	8.32	8878.47	476.46	313.67
Aug-01	2.94	6734.82	549.40	418.18
Sep-01	14.07	29792.99	4174.41	1127.65
Oct-01	3.06	27480.34	3251.18	1157.59
Nov-01	0.47	6151.38	546.39	454.05
Dec-01	1.66	472.82	22.17	179.09
Jan-02	0.86	453.02	17.04	89.67
Feb-02	5.53	2840.69	132.19	88.56
Mar-02	0.82	571.26	24.80	42.58
Apr-02	0.94	9.14	0.47	0.00
May-02	2.92	1.21	0.10	0.00
Jun-02	8.56	2929.23	165.25	55.23
Jul-02	11.66	28651.28	3640.43	476.25
Aug-02	7.60	18435.21	2222.15	402.99
Sep-02	8.75	19058.40	2401.48	1197.62
Oct-02	4.27	4771.99	461.48	281.31
Nov-02	2.01	2278.87	134.61	116.06
Dec-02	1.37	7050.88	287.33	243.79
Jan-03	0.78	3072.97	103.13	183.78
Feb-03	0.87	488.03	16.25	138.64
Mar-03	3.35	1154.74	45.73	204.25
Apr-03	2.89	169.07	5.63	20.12
May-03	6.85	1638.76	93.71	32.89
Jun-03	8.44	9348.61	453.13	155.56
Jul-03	6.00	7949.20	364.70	223.70
Aug-03	10.67	34533.50	4286.74	2793.51
Sep-03	13.16	35309.97	5226.49	1568.25
Oct-03	0.30	21840.42	3636.78	2084.60
Nov-03	1.25	1458.35	166.70	295.04
Dec-03	1.92	1056.52	42.51	98.22
Jan-04	1.25	557.63	15.96	78.87
Feb-04	3.66	3290.74	101.37	118.84
Mar-04	0.02	711.03	22.09	94.39
Apr-04	2.12	3.95	0.13	0.00

	Feeder Canal Basin	S-190		WWEIR
Month	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
May-04	1.73	6.92	0.24	0.00
Jun-04	7.67	2034.05	79.09	127.99
Jul-04	7.77	4387.44	215.29	231.48
Aug-04	12.99	45730.29	6216.93	3475.78
Sep-04	7.45	33400.80	3859.82	2445.22
Oct-04	3.46	6994.85	795.87	380.82
Nov-04	0.81	284.43	12.34	145.84
Dec-04	1.16	50.02	3.48	57.88
Jan-05	0.76	21.48	1.41	63.35
Feb-05	0.78	4.05	0.24	3.01
Mar-05	5.25	1613.24	96.78	105.49
Apr-05	1.42	53.73	2.75	19.69
May-05	3.69	14.14	0.64	10.92
Jun-05	18.94	32633.97	6276.82	903.01
Jul-05	7.74	43652.43	10856.64	1552.04
Aug-05	8.81	25955.48	4093.12	520.40
Sep-05	7.35	19158.98	3095.94	436.67
Oct-05	8.27	19291.38	2862.38	809.80
Nov-05	1.46	8548.19	1465.35	633.65
Dec-05	0.14	702.86	50.41	152.66
Jan-06	0.24	21.14	1.15	121.62
Feb-06	2.85	242.70	9.77	85.47
Mar-06	0.76	136.30	4.53	9.46
Apr-06	1.53	1.65	0.06	0.00
May-06	4.27	63.35	2.43	0.00
Jun-06	8.90	1034.98	49.79	2.07
Jul-06	10.62	5698.63	302.14	116.95
Aug-06	13.83	12916.72	1339.15	493.98
Sep-06	9.03	47613.32	16754.93	3364.33
Oct-06	0.68	2815.08	311.15	400.54
Nov-06	1.34	582.98	22.80	137.48
Dec-06	2.00	0.67	0.02	13.28
Jan-07	0.27	1.19	0.04	5.69
Feb-07	1.54	0.00	0.00	0.00
Mar-07	0.72	0.00	0.00	0.00
Apr-07	3.29	0.00	0.00	0.00
May-07	2.49	0.89	0.03	0.00
Jun-07	7.30	0.00	0.00	0.00
Jul-07	11.31	2120.25	150.34	3.95
Aug-07	6.37	4508.19	303.14	53.66
Sep-07	8.09	10088.31	1927.48	178.15
Oct-07	3.63	6487.26	674.28	193.93

	Feeder Canal Basin	S-190		WWEIR
Month	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
Nov-07	0.14	493.88	26.75	34.13
Dec-07	0.49	0.00	0.00	0.02
Jan-08	0.41	0.00	0.00	0.00
Feb-08	4.03	6.90	0.21	200.48
Mar-08	2.17	79.41	2.74	15.33
Apr-08	4.25	1525.06	65.59	14.11

	Feeder Canal Basin	S-190			WWEIR
Weekly Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Weekly Date	Load (kg)
5/7/1997	0.27	0.00	0.00	5/7/1999	0.00
5/14/1997	2.19	464.12	14.31	5/14/1999	0.00
5/21/1997	2.23	1181.49	36.43	5/21/1999	0.00
5/28/1997	0.33	371.05	11.44	5/28/1999	0.00
6/4/1997	3.32	1127.87	34.78	6/4/1999	0.00
6/11/1997	0.63	1414.41	43.62	6/11/1999	0.00
6/18/1997	0.41	789.42	25.43	6/18/1999	0.00
6/25/1997	0.81	144.29	5.57	6/25/1999	3.57
7/2/1997	2.72	829.78	37.06	7/2/1999	63.58
7/9/1997	1.79	819.04	38.09	7/9/1999	98.21
7/16/1997	1.52	3122.57	176.12	7/16/1999	216.73
7/23/1997	0.38	1347.62	91.47	7/23/1999	50.04
7/30/1997	1.28	1016.67	84.69	7/30/1999	32.04
8/6/1997	0.67	1402.35	137.17	8/6/1999	33.39
8/13/1997	5.02	4862.36	539.23	8/13/1999	31.56
8/20/1997	0.96	3177.29	390.14	8/20/1999	28.38
8/27/1997	1.22	2589.09	302.66	8/27/1999	74.90
9/3/1997	1.59	1663.25	131.99	9/3/1999	74.31
9/10/1997	0.38	2068.78	158.03	9/10/1999	76.23
9/17/1997	1.37	2091.03	250.45	9/17/1999	141.72
9/24/1997	0.02	845.33	129.08	9/24/1999	527.08
10/1/1997	2.75	2066.42	413.54	10/1/1999	497.87
10/8/1997	0.03	1622.57	346.23	10/8/1999	502.94
10/15/1997	0.07	607.74	120.89	10/15/1999	299.30
10/22/1997	0.45	215.49	39.12	10/22/1999	426.43
10/29/1997	0.05	17.46	2.82	10/29/1999	196.95
11/5/1997	1.62	226.75	32.08	11/5/1999	138.74
11/12/1997	0.00	212.17	28.13	11/12/1999	78.24
11/19/1997	0.55	237.77	26.99	11/19/1999	51.76
11/26/1997	1.52	430.36	42.19	11/26/1999	43.73
12/3/1997	2.37	1002.64	82.39	12/3/1999	39.78
12/10/1997	0.21	1997.83	145.44	12/10/1999	29.20
12/17/1997	2.86	5391.24	629.12	12/17/1999	36.91
12/24/1997	2.27	2729.26	384.49	12/24/1999	23.67
12/31/1997	0.08	2426.63	352.34	12/31/1999	19.07
1/7/1998	0.04	1313.22	168.82	1/7/2000	14.33
1/14/1998	0.29	956.17	90.00	1/14/2000	15.16
1/21/1998	0.57	1336.37	98.62	1/21/2000	9.82
1/28/1998	1.46	1079.37	82.50	1/28/2000	8.39
2/4/1998	0.81	1368.86	114.30	2/4/2000	5.61
2/11/1998	0.52	1242.25	116.38	2/11/2000	4.74

	Feeder Canal Basin	S-190			WWEIR
Weekly Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Weekly Date	Load (kg)
2/18/1998	1.81	1667.07	177.96	2/18/2000	3.00
2/25/1998	0.45	2062.47	239.84	2/25/2000	0.01
3/4/1998	0.53	1292.42	141.83	3/3/2000	0.00
3/11/1998	1.71	1759.21	126.25	3/10/2000	0.00
3/18/1998	0.09	1310.54	75.41	3/17/2000	0.00
3/25/1998	1.61	3200.80	191.14	3/24/2000	0.00
4/1/1998	0.00	903.53	55.94	3/31/2000	0.00
4/8/1998	0.01	152.30	9.68	4/7/2000	0.00
4/15/1998	0.00	160.04	10.46	4/14/2000	0.00
4/22/1998	0.14	0.00	0.00	4/21/2000	6.24
4/29/1998	0.41	0.00	0.00	4/28/2000	0.24
5/6/1998	0.35	0.00	0.00	5/5/2000	0.00
5/13/1998	0.02	0.00	0.00	5/12/2000	0.00
5/20/1998	0.14	0.00	0.00	5/19/2000	0.00
5/27/1998	0.00	0.00	0.00	5/26/2000	0.00
6/3/1998	1.67	0.18	0.01	6/2/2000	0.00
6/10/1998	0.12	0.00	0.00	6/9/2000	0.00
6/17/1998	0.13	0.00	0.00	6/16/2000	0.00
6/24/1998	2.06	0.00	0.00	6/23/2000	1.27
7/1/1998	0.53	0.24	0.01	6/30/2000	7.47
7/8/1998	1.15	0.00	0.00	7/7/2000	2.94
7/15/1998	0.69	8.06	0.28	7/14/2000	0.03
7/22/1998	2.68	3.02	0.09	7/21/2000	0.37
7/29/1998	1.19	0.00	0.00	7/28/2000	7.80
8/5/1998	1.38	121.64	4.57	8/4/2000	7.00
8/12/1998	1.59	230.18	10.60	8/11/2000	2.26
8/19/1998	2.48	1044.58	61.14	8/18/2000	0.00
8/26/1998	0.89	3074.46	210.82	8/25/2000	0.00
9/2/1998	0.68	860.60	64.00	9/1/2000	6.94
9/9/1998	0.62	629.04	39.38	9/8/2000	10.56
9/16/1998	0.83	429.68	25.96	9/15/2000	5.93
9/23/1998	2.65	2594.12	166.36	9/22/2000	13.90
9/30/1998	2.44	3185.44	214.70	9/29/2000	13.09
10/7/1998	1.61	2009.93	171.70	10/6/2000	291.02
10/14/1998	1.31	1224.09	131.16	10/13/2000	420.16
10/21/1998	1.09	1151.14	126.78	10/20/2000	126.57
10/28/1998	0.01	1140.98	129.79	10/27/2000	79.84
11/4/1998	4.03	516.17	61.36	11/3/2000	38.67
11/11/1998	2.76	13165.01	1604.70	11/10/2000	18.41
11/18/1998	0.00	4882.95	614.13	11/17/2000	14.19
11/25/1998	0.15	2571.77	306.61	11/24/2000	10.90

	Feeder Canal Basin	S-190			WWEIR
Weekly Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Weekly Date	Load (kg)
12/2/1998	0.02	1430.28	136.48	12/1/2000	5.23
12/9/1998	0.17	893.78	67.23	12/8/2000	1.79
12/16/1998	1.38	1621.62	94.74	12/15/2000	2.44
12/23/1998	0.14	1111.90	54.01	12/22/2000	0.31
12/30/1998	0.01	748.52	34.96	12/29/2000	0.00
1/6/1999	0.46	476.41	21.37	1/5/2001	0.00
1/13/1999	0.19	448.83	19.33	1/12/2001	0.00
1/20/1999	0.04	311.78	12.93	1/19/2001	0.00
1/27/1999	1.05	532.94	20.83	1/26/2001	0.00
2/3/1999	0.01	224.91	8.68	2/2/2001	0.00
2/10/1999	0.03	14.28	0.56	2/9/2001	0.00
2/17/1999	0.30	166.98	6.67	2/16/2001	0.00
2/24/1999	0.42	405.59	16.57	2/23/2001	0.00
3/3/1999	0.12	144.71	6.04	3/2/2001	0.00
3/10/1999	0.00	61.63	2.59	3/9/2001	0.00
3/17/1999	0.11	16.18	0.70	3/16/2001	0.00
3/24/1999	0.00	0.00	0.00	3/23/2001	0.00
3/31/1999	0.00	0.00	0.00	3/30/2001	0.00
4/7/1999	0.10	0.00	0.00	4/6/2001	0.00
4/14/1999	0.00	0.00	0.00	4/13/2001	0.00
4/21/1999	0.10	13.62	0.64	4/20/2001	0.00
4/28/1999	0.93	0.00	0.00	4/27/2001	0.00
5/5/1999	0.04	0.00	0.00	5/4/2001	0.00
5/12/1999	1.59	0.00	0.00	5/11/2001	0.00
5/19/1999	1.10	2.10	0.10	5/18/2001	0.00
5/26/1999	0.94	0.00	0.00	5/25/2001	0.00
6/2/1999	1.73	0.00	0.00	6/1/2001	0.00
6/9/1999	2.50	0.00	0.00	6/8/2001	16.08
6/16/1999	1.06	317.71	16.69	6/15/2001	16.37
6/23/1999	2.92	1204.60	86.75	6/22/2001	10.85
6/30/1999	4.10	4304.36	439.93	6/29/2001	15.97
7/7/1999	0.52	4508.87	422.37	7/6/2001	12.97
7/14/1999	1.25	2340.22	171.76	7/13/2001	16.65
7/21/1999	1.03	1516.90	92.02	7/20/2001	31.65
7/28/1999	2.16	755.69	41.17	7/27/2001	154.86
8/4/1999	1.30	919.45	46.20	8/3/2001	164.39
8/11/1999	1.22	1924.80	95.71	8/10/2001	161.98
8/18/1999	2.54	808.35	42.33	8/17/2001	106.43
8/25/1999	2.86	4144.41	239.76	8/24/2001	54.51
9/1/1999	1.88	3064.34	200.55	8/31/2001	30.18
9/8/1999	2.74	2684.39	211.80	9/7/2001	47.62

	Feeder Canal Basin	S-190			WWEIR
Weekly Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Weekly Date	Load (kg)
9/15/1999	2.37	6964.89	727.87	9/14/2001	226.98
9/22/1999	4.52	9364.36	1582.94	9/21/2001	384.98
9/29/1999	0.36	11636.92	2117.08	9/28/2001	295.25
10/6/1999	1.91	7788.74	1231.69	10/5/2001	509.87
10/13/1999	1.94	7518.96	1214.33	10/12/2001	231.06
10/20/1999	4.12	11561.43	2354.22	10/19/2001	95.51
10/27/1999	0.01	6657.30	1260.46	10/26/2001	230.91
11/3/1999	0.76	2787.29	330.40	11/2/2001	329.82
11/10/1999	0.00	1869.28	143.70	11/9/2001	160.77
11/17/1999	0.00	1168.82	75.68	11/16/2001	91.49
11/24/1999	0.06	685.43	38.74	11/23/2001	66.32
12/1/1999	0.15	537.26	30.11	11/30/2001	68.72
12/8/1999	0.00	233.47	12.98	12/7/2001	58.91
12/15/1999	0.07	253.37	13.92	12/14/2001	48.80
12/22/1999	0.06	54.80	2.98	12/21/2001	33.15
12/29/1999	0.22	3.21	0.17	12/28/2001	27.74
1/5/2000	0.00	0.00	0.00	1/4/2002	26.75
1/12/2000	0.00	0.00	0.00	1/11/2002	16.92
1/19/2000	0.00	0.00	0.00	1/18/2002	19.25
1/26/2000	0.57	0.00	0.00	1/25/2002	20.95
2/2/2000	0.01	0.00	0.00	2/1/2002	18.95
2/9/2000	0.76	0.16	0.01	2/8/2002	13.15
2/16/2000	0.00	0.00	0.00	2/15/2002	25.91
2/23/2000	0.29	0.00	0.00	2/22/2002	30.08
3/1/2000	0.02	0.00	0.00	3/1/2002	18.85
3/8/2000	0.01	0.00	0.00	3/8/2002	14.73
3/15/2000	0.05	0.00	0.00	3/15/2002	16.49
3/22/2000	0.37	0.00	0.00	3/22/2002	9.08
3/29/2000	1.36	1.69	0.08	3/29/2002	0.19
4/5/2000	0.03	0.00	0.00	4/5/2002	0.00
4/12/2000	0.20	0.34	0.02	4/12/2002	0.00
4/19/2000	5.18	0.00	0.00	4/19/2002	0.00
4/26/2000	0.00	0.00	0.00	4/26/2002	0.00
5/3/2000	0.00	0.00	0.00	5/3/2002	0.00
5/10/2000	0.40	0.00	0.00	5/10/2002	0.00
5/17/2000	0.12	2.58	0.11	5/17/2002	0.00
5/24/2000	0.03	0.00	0.00	5/24/2002	0.00
5/31/2000	1.01	0.00	0.00	5/31/2002	0.00
6/7/2000	0.68	0.00	0.00	6/7/2002	0.00
6/14/2000	2.47	0.00	0.00	6/14/2002	0.00
6/21/2000	2.30	0.00	0.00	6/21/2002	0.70

	Feeder Canal Basin	S-190			WWEIR
Weekly Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Weekly Date	Load (kg)
6/28/2000	2.11	0.00	0.00	6/28/2002	42.56
7/5/2000	0.57	0.00	0.00	7/5/2002	60.00
7/12/2000	0.47	0.00	0.00	7/12/2002	62.83
7/19/2000	1.19	0.00	0.00	7/19/2002	130.15
7/26/2000	1.77	0.00	0.00	7/26/2002	156.58
8/2/2000	2.99	618.98	18.32	8/2/2002	114.94
8/9/2000	0.23	249.96	9.56	8/9/2002	95.92
8/16/2000	0.69	4.48	0.17	8/16/2002	84.10
8/23/2000	0.01	0.00	0.00	8/23/2002	89.97
8/30/2000	2.69	38.10	1.27	8/30/2002	83.84
9/6/2000	3.28	907.58	39.40	9/6/2002	263.59
9/13/2000	0.26	611.86	27.27	9/13/2002	477.21
9/20/2000	2.13	1005.74	32.25	9/20/2002	281.94
9/27/2000	0.93	893.87	30.87	9/27/2002	141.57
10/4/2000	12.65	4301.08	132.64	10/4/2002	99.83
10/11/2000	0.21	20338.69	5017.48	10/11/2002	74.33
10/18/2000	0.00	5615.48	1634.18	10/18/2002	61.93
10/25/2000	0.21	1465.19	323.81	10/25/2002	50.50
11/1/2000	0.01	769.35	98.69	11/1/2002	46.55
11/8/2000	0.00	341.30	30.31	11/8/2002	31.68
11/15/2000	0.00	116.19	10.32	11/15/2002	19.17
11/22/2000	0.00	0.00	0.00	11/22/2002	33.71
11/29/2000	0.00	0.00	0.00	11/29/2002	23.18
12/6/2000	0.23	0.00	0.00	12/6/2002	18.51
12/13/2000	0.12	0.00	0.00	12/13/2002	64.98
12/20/2000	0.00	0.00	0.00	12/20/2002	76.67
12/27/2000	0.00	0.00	0.00	12/27/2002	61.52
1/3/2001	0.29	0.00	0.00	1/3/2003	51.18
1/10/2001	0.33	0.00	0.00	1/10/2003	45.76
1/17/2001	0.00	0.00	0.00	1/17/2003	40.25
1/24/2001	0.50	0.00	0.00	1/24/2003	34.02
1/31/2001	0.00	0.00	0.00	1/31/2003	37.40
2/7/2001	0.00	0.00	0.00	2/7/2003	32.98
2/14/2001	0.03	0.00	0.00	2/14/2003	18.53
2/21/2001	0.00	0.00	0.00	2/21/2003	31.76
2/28/2001	0.00	0.00	0.00	2/28/2003	55.37
3/7/2001	0.86	0.00	0.00	3/7/2003	55.16
3/14/2001	0.00	0.83	0.06	3/14/2003	44.86
3/21/2001	2.26	0.00	0.00	3/21/2003	53.14
3/28/2001	0.00	0.00	0.00	3/28/2003	40.50
4/4/2001	1.22	0.00	0.00	4/4/2003	17.53

	Feeder Canal Basin	S-190			WWEIR
Weekly Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Weekly Date	Load (kg)
4/11/2001	0.07	3.35	0.12	4/11/2003	11.93
4/18/2001	0.00	0.00	0.00	4/18/2003	1.24
4/25/2001	0.00	0.00	0.00	4/25/2003	0.00
5/2/2001	0.05	0.00	0.00	5/2/2003	1.39
5/9/2001	0.98	0.00	0.00	5/9/2003	0.97
5/16/2001	0.33	0.00	0.00	5/16/2003	0.00
5/23/2001	3.37	0.00	0.00	5/23/2003	0.30
5/30/2001	0.52	0.34	0.02	5/30/2003	26.90
6/6/2001	2.76	0.00	0.00	6/6/2003	16.29
6/13/2001	1.46	1.82	0.13	6/13/2003	15.76
6/20/2001	1.64	454.14	28.23	6/20/2003	19.58
6/27/2001	1.63	755.52	30.29	6/27/2003	74.22
7/4/2001	0.65	749.53	29.25	7/4/2003	64.17
7/11/2001	2.15	697.11	23.22	7/11/2003	40.28
7/18/2001	2.34	1638.82	57.33	7/18/2003	52.92
7/25/2001	2.17	2636.09	118.52	7/25/2003	62.05
8/1/2001	1.46	3953.49	295.38	8/1/2003	55.71
8/8/2001	1.27	3506.86	283.96	8/8/2003	343.25
8/15/2001	0.38	1801.84	133.35	8/15/2003	786.87
8/22/2001	0.81	1016.67	98.45	8/22/2003	803.34
8/29/2001	0.11	31.80	2.91	8/29/2003	694.34
9/5/2001	2.04	286.41	18.79	9/5/2003	438.99
9/12/2001	4.52	5187.77	437.28	9/12/2003	340.14
9/19/2001	2.70	11688.95	1763.35	9/19/2003	277.93
9/26/2001	0.35	5917.39	928.22	9/26/2003	277.40
10/3/2001	4.46	12317.16	1883.93	10/3/2003	1024.60
10/10/2001	0.06	5564.25	681.87	10/10/2003	923.09
10/17/2001	0.24	2458.35	221.97	10/17/2003	299.62
10/24/2001	2.39	4662.01	413.20	10/24/2003	103.92
10/31/2001	0.37	9192.02	1077.05	10/31/2003	114.50
11/7/2001	0.47	3342.13	338.53	11/7/2003	114.52
11/14/2001	0.00	1408.17	120.06	11/14/2003	80.20
11/21/2001	0.00	964.94	63.08	11/21/2003	51.69
11/28/2001	0.00	432.65	24.55	11/28/2003	40.27
12/5/2001	0.00	189.34	9.34	12/5/2003	23.53
12/12/2001	0.46	0.00	0.00	12/12/2003	22.89
12/19/2001	0.01	13.45	0.69	12/19/2003	27.01
12/26/2001	0.67	49.77	2.58	12/26/2003	19.17
1/2/2002	0.64	236.47	10.27	1/2/2004	20.95
1/9/2002	0.04	220.82	8.80	1/9/2004	18.58
1/16/2002	0.65	9.54	0.38	1/16/2004	12.91

	Feeder Canal Basin	S-190			WWEIR
Weekly Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Weekly Date	Load (kg)
1/23/2002	0.04	204.50	7.16	1/23/2004	17.82
1/30/2002	0.00	5.41	0.15	1/30/2004	16.02
2/6/2002	0.00	0.97	0.04	2/6/2004	43.17
2/13/2002	3.04	650.30	24.87	2/13/2004	23.30
2/20/2002	2.04	1462.25	70.51	2/20/2004	6.09
2/27/2002	0.45	727.20	36.78	2/27/2004	38.05
3/6/2002	0.10	251.48	11.79	3/5/2004	41.70
3/13/2002	0.37	316.42	12.88	3/12/2004	28.80
3/20/2002	0.00	0.00	0.00	3/19/2004	26.33
3/27/2002	0.34	0.00	0.00	3/26/2004	12.29
4/3/2002	0.41	3.35	0.13	4/2/2004	0.08
4/10/2002	0.00	0.00	0.00	4/9/2004	0.00
4/17/2002	0.51	9.14	0.47	4/16/2004	0.00
4/24/2002	0.01	0.00	0.00	4/23/2004	0.00
5/1/2002	0.00	0.00	0.00	4/30/2004	0.00
5/8/2002	0.00	1.21	0.10	5/7/2004	0.00
5/15/2002	0.01	0.00	0.00	5/14/2004	0.00
5/22/2002	1.31	0.00	0.00	5/21/2004	0.00
5/29/2002	0.00	0.00	0.00	5/28/2004	0.00
6/5/2002	1.60	0.00	0.00	6/4/2004	0.00
6/12/2002	2.37	0.00	0.00	6/11/2004	37.88
6/19/2002	2.63	0.00	0.00	6/18/2004	54.67
6/26/2002	2.96	1326.09	76.26	6/25/2004	24.75
7/3/2002	2.16	3418.18	247.56	7/2/2004	13.86
7/10/2002	2.64	4314.62	488.37	7/9/2004	19.83
7/17/2002	2.93	9381.18	1179.45	7/16/2004	20.36
7/24/2002	1.81	8306.42	1137.29	7/23/2004	79.65
7/31/2002	2.72	4834.02	676.75	7/30/2004	90.35
8/7/2002	1.97	4679.01	645.18	8/6/2004	375.83
8/14/2002	2.23	5472.16	612.52	8/13/2004	771.38
8/21/2002	1.59	4158.96	438.20	8/20/2004	1039.89
8/28/2002	1.08	2502.88	324.16	8/27/2004	786.78
9/4/2002	2.48	3923.01	478.47	9/3/2004	850.51
9/11/2002	4.20	5928.36	693.25	9/10/2004	1141.57
9/18/2002	0.09	5795.46	788.01	9/17/2004	559.00
9/25/2002	1.62	2608.64	365.65	9/24/2004	243.21
10/2/2002	1.13	3306.70	376.06	10/1/2004	200.98
10/9/2002	0.09	664.92	73.81	10/8/2004	146.32
10/16/2002	0.59	765.80	72.98	10/15/2004	77.82
10/23/2002	2.39	255.39	19.22	10/22/2004	57.09
10/30/2002	1.16	1845.64	166.19	10/29/2004	55.91

	Feeder Canal Basin	S-190			WWEIR
Weekly Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Weekly Date	Load (kg)
11/6/2002	0.08	749.36	65.46	11/5/2004	43.84
11/13/2002	0.02	242.00	17.91	11/12/2004	36.27
11/20/2002	1.53	749.61	40.74	11/19/2004	34.57
11/27/2002	0.37	692.31	32.09	11/26/2004	28.17
12/4/2002	0.07	386.42	18.59	12/3/2004	26.21
12/11/2002	0.75	1301.69	48.51	12/10/2004	14.36
12/18/2002	0.07	2802.82	112.27	12/17/2004	12.57
12/25/2002	0.43	1804.09	80.04	12/24/2004	6.11
1/1/2003	0.62	1427.64	50.43	12/31/2004	15.28
1/8/2003	0.16	1306.37	35.45	1/7/2005	10.68
1/15/2003	0.03	679.18	28.48	1/14/2005	8.07
1/22/2003	0.00	377.95	16.32	1/21/2005	27.71
1/29/2003	0.03	212.51	9.17	1/28/2005	13.62
2/5/2003	0.00	228.34	7.89	2/4/2005	5.63
2/12/2003	0.00	225.98	7.25	2/11/2005	0.65
2/19/2003	0.39	0.00	0.00	2/18/2005	0.00
2/26/2003	0.47	37.51	1.25	2/25/2005	0.00
3/5/2003	0.01	36.38	1.26	3/4/2005	0.00
3/12/2003	0.12	0.04	0.00	3/11/2005	12.97
3/19/2003	1.58	4.24	0.16	3/18/2005	32.10
3/26/2003	0.94	702.92	26.88	3/25/2005	39.99
4/2/2003	0.70	601.59	23.81	4/1/2005	22.59
4/9/2003	0.55	4.28	0.14	4/8/2005	11.76
4/16/2003	0.01	0.00	0.00	4/15/2005	5.77
4/23/2003	0.01	0.00	0.00	4/22/2005	0.00
4/30/2003	2.33	0.00	0.00	4/29/2005	0.00
5/7/2003	0.20	0.00	0.00	5/6/2005	4.46
5/14/2003	0.40	17.24	1.23	5/13/2005	6.46
5/21/2003	2.28	0.00	0.00	5/20/2005	0.00
5/28/2003	3.52	754.47	53.98	5/27/2005	0.00
6/4/2003	1.26	1519.48	67.47	6/3/2005	5.39
6/11/2003	1.23	978.64	41.61	6/10/2005	48.34
6/18/2003	1.94	994.59	37.78	6/17/2005	145.55
6/25/2003	4.41	4273.19	184.62	6/24/2005	113.93
7/2/2003	0.09	3065.41	199.54	7/1/2005	692.43
7/9/2003	1.40	1824.32	110.26	7/8/2005	343.10
7/16/2003	1.49	1195.64	54.57	7/15/2005	512.60
7/23/2003	2.12	1618.37	58.10	7/22/2005	385.74
7/30/2003	0.66	2499.67	92.50	7/29/2005	182.11
8/6/2003	3.89	3643.99	184.29	8/5/2005	93.32
8/13/2003	1.45	6857.89	807.15	8/12/2005	103.01

	Feeder Canal Basin	S-190			WWEIR
Weekly Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Weekly Date	Load (kg)
8/20/2003	3.08	8717.61	1053.80	8/19/2005	76.25
8/27/2003	1.91	10660.07	1617.33	8/26/2005	157.88
9/3/2003	0.83	7369.75	963.59	9/2/2005	156.29
9/10/2003	1.37	5595.41	630.00	9/9/2005	173.63
9/17/2003	3.20	8870.14	1236.35	9/16/2005	98.88
9/24/2003	0.51	6078.21	1036.73	9/23/2005	68.61
10/1/2003	7.89	15057.22	2451.61	9/30/2005	55.07
10/8/2003	0.00	11373.34	2153.95	10/7/2005	72.07
10/15/2003	0.01	4440.81	644.16	10/14/2005	96.35
10/22/2003	0.00	2151.31	246.79	10/21/2005	96.71
10/29/2003	0.29	1063.68	134.16	10/28/2005	384.28
11/5/2003	1.10	631.30	78.84	11/4/2005	373.18
11/12/2003	0.04	410.06	45.07	11/11/2005	228.38
11/19/2003	0.11	416.09	42.73	11/18/2005	110.91
11/26/2003	0.01	0.89	0.06	11/25/2005	54.48
12/3/2003	0.00	0.00	0.00	12/2/2005	37.51
12/10/2003	0.34	9.44	0.39	12/9/2005	34.51
12/17/2003	1.57	427.36	17.92	12/16/2005	32.13
12/24/2003	0.00	416.63	17.44	12/23/2005	33.80
12/31/2003	0.00	203.09	6.76	12/30/2005	36.92
1/7/2004	0.00	62.22	1.92	1/6/2006	36.35
1/14/2004	0.00	12.16	0.37	1/13/2006	31.68
1/21/2004	0.95	4.11	0.10	1/20/2006	25.47
1/28/2004	0.11	238.53	6.42	1/27/2006	24.36
2/4/2004	0.80	1000.32	30.40	2/3/2006	11.21
2/11/2004	0.03	610.85	18.84	2/10/2006	33.95
2/18/2004	0.58	403.52	12.44	2/17/2006	17.17
2/25/2004	2.20	351.17	10.83	2/24/2006	17.68
3/3/2004	0.25	1474.12	45.58	3/3/2006	20.66
3/10/2004	0.00	395.84	12.32	3/10/2006	2.90
3/17/2004	0.02	6.57	0.21	3/17/2006	0.00
3/24/2004	0.00	0.00	0.00	3/24/2006	0.00
3/31/2004	0.00	0.00	0.00	3/31/2006	0.00
4/7/2004	0.00	3.95	0.13	4/7/2006	0.00
4/14/2004	1.88	0.00	0.00	4/14/2006	0.00
4/21/2004	0.00	0.00	0.00	4/21/2006	0.00
4/28/2004	0.25	0.00	0.00	4/28/2006	0.00
5/5/2004	1.54	0.00	0.00	5/5/2006	0.00
5/12/2004	0.00	6.92	0.24	5/12/2006	0.00
5/19/2004	0.17	0.00	0.00	5/19/2006	0.00
5/26/2004	0.00	0.00	0.00	5/26/2006	0.00

	Feeder Canal Basin	S-190			WWEIR
Weekly Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Weekly Date	Load (kg)
6/2/2004	4.08	0.00	0.00	6/2/2006	0.00
6/9/2004	2.73	1.69	0.06	6/9/2006	0.00
6/16/2004	0.42	1440.16	55.77	6/16/2006	0.00
6/23/2004	0.08	592.20	23.26	6/23/2006	0.00
6/30/2004	0.38	0.00	0.00	6/30/2006	2.07
7/7/2004	1.25	150.31	5.87	7/7/2006	4.00
7/14/2004	0.01	164.65	6.39	7/14/2006	14.48
7/21/2004	3.54	877.07	33.62	7/21/2006	18.32
7/28/2004	2.20	1934.96	93.44	7/28/2006	57.52
8/4/2004	3.01	4906.53	484.45	8/4/2006	40.12
8/11/2004	2.80	8861.79	1278.91	8/11/2006	20.06
8/18/2004	5.18	12683.84	1846.14	8/18/2006	61.22
8/25/2004	1.23	11447.56	1696.61	8/25/2006	93.05
9/1/2004	1.78	10414.63	1130.47	9/1/2006	536.70
9/8/2004	3.98	12331.87	1338.58	9/8/2006	1405.96
9/15/2004	0.04	10219.83	1306.04	9/15/2006	861.54
9/22/2004	1.67	4933.31	595.72	9/22/2006	509.15
9/29/2004	1.42	3859.81	399.92	9/29/2006	321.36
10/6/2004	0.13	3341.97	442.84	10/6/2006	191.86
10/13/2004	0.22	1623.85	130.19	10/13/2006	111.22
10/20/2004	3.20	828.30	165.43	10/20/2006	50.93
10/27/2004	0.01	1597.29	113.41	10/27/2006	52.89
11/3/2004	0.00	409.92	24.27	11/3/2006	50.89
11/10/2004	0.02	207.37	7.74	11/10/2006	58.08
11/17/2004	0.46	2.94	0.22	11/17/2006	22.26
11/24/2004	0.01	0.00	0.00	11/24/2006	20.56
12/1/2004	0.32	28.86	2.06	12/1/2006	12.13
12/8/2004	0.00	0.00	0.00	12/8/2006	2.21
12/15/2004	0.31	0.00	0.00	12/15/2006	0.00
12/22/2004	0.00	0.00	0.00	12/22/2006	0.12
12/29/2004	0.72	21.16	1.42	12/29/2006	7.23
1/5/2005	0.13	21.48	1.41	1/5/2007	7.68
1/12/2005	0.06	0.00	0.00	1/12/2007	0.70
1/19/2005	0.67	0.00	0.00	1/19/2007	0.00
1/26/2005	0.03	0.00	0.00	1/26/2007	0.00
2/2/2005	0.01	0.00	0.00	2/2/2007	0.00
2/9/2005	0.00	0.00	0.00	2/9/2007	0.00
2/16/2005	0.00	4.05	0.24	2/16/2007	0.00
2/23/2005	0.00	0.00	0.00	2/23/2007	0.00
3/2/2005	0.78	0.00	0.00	3/2/2007	0.00
3/9/2005	2.75	2.20	0.14	3/9/2007	0.00

	Feeder Canal Basin	S-190			WWEIR
Weekly Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Weekly Date	Load (kg)
3/16/2005	0.01	203.37	12.79	3/16/2007	0.00
3/23/2005	2.28	1004.53	57.00	3/23/2007	0.00
3/30/2005	0.21	403.14	26.85	3/30/2007	0.00
4/6/2005	0.28	8.91	0.46	4/6/2007	0.00
4/13/2005	0.95	44.65	2.28	4/13/2007	0.00
4/20/2005	0.01	0.00	0.00	4/20/2007	0.00
4/27/2005	0.18	0.18	0.01	4/27/2007	0.00
5/4/2005	1.71	0.00	0.00	5/4/2007	0.00
5/11/2005	0.02	0.00	0.00	5/11/2007	0.00
5/18/2005	0.00	14.14	0.64	5/18/2007	0.00
5/25/2005	1.07	0.00	0.00	5/25/2007	0.00
6/1/2005	1.97	0.00	0.00	6/1/2007	0.00
6/8/2005	5.66	2190.98	191.88	6/8/2007	0.00
6/15/2005	2.98	7278.17	1095.25	6/15/2007	0.00
6/22/2005	2.44	4661.75	1196.04	6/22/2007	0.00
6/29/2005	6.39	16050.23	3128.03	6/29/2007	0.00
7/6/2005	0.49	12572.73	3411.81	7/6/2007	0.00
7/13/2005	4.88	13619.19	3964.57	7/13/2007	0.00
7/20/2005	1.52	12002.24	2442.75	7/20/2007	0.08
7/27/2005	0.15	6219.21	1465.22	7/27/2007	2.11
8/3/2005	1.22	3165.52	445.13	8/3/2007	4.92
8/10/2005	3.25	4902.37	532.13	8/10/2007	4.83
8/17/2005	2.06	6834.74	1045.39	8/17/2007	8.66
8/24/2005	1.23	5034.74	881.86	8/24/2007	11.02
8/31/2005	2.13	7710.01	1426.52	8/31/2007	25.98
9/7/2005	4.14	9687.01	1780.36	9/7/2007	60.75
9/14/2005	0.00	5291.64	828.95	9/14/2007	24.67
9/21/2005	0.94	1700.07	186.63	9/21/2007	39.37
9/28/2005	2.23	1781.83	224.18	9/28/2007	41.61
10/5/2005	1.21	2663.92	289.16	10/5/2007	43.89
10/12/2005	1.63	5457.70	828.03	10/12/2007	82.36
10/19/2005	0.11	1994.10	298.56	10/19/2007	38.67
10/26/2005	5.37	5318.04	819.96	10/26/2007	27.19
11/2/2005	0.47	5767.83	889.31	11/2/2007	19.30
11/9/2005	0.00	3530.34	766.41	11/9/2007	14.50
11/16/2005	0.05	1562.52	308.37	11/16/2007	7.98
11/23/2005	0.46	1330.29	127.12	11/23/2007	4.72
11/30/2005	0.48	913.23	76.60	11/30/2007	1.20
12/7/2005	0.08	354.62	27.12	12/7/2007	0.02
12/14/2005	0.00	122.92	8.55	12/14/2007	0.00
12/21/2005	0.02	220.46	14.44	12/21/2007	0.00

	Feeder Canal Basin	S-190			WWEIR
Weekly Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Weekly Date	Load (kg)
12/28/2005	0.01	4.82	0.30	12/28/2007	0.00
1/4/2006	0.04	9.88	0.57	1/4/2008	0.00
1/11/2006	0.00	0.00	0.00	1/11/2008	0.00
1/18/2006	0.17	11.31	0.58	1/18/2008	0.00
1/25/2006	0.04	0.00	0.00	1/25/2008	0.00
2/1/2006	0.03	0.00	0.00	2/1/2008	0.00
2/8/2006	2.26	219.93	8.95	2/8/2008	0.00
2/15/2006	0.01	9.66	0.39	2/15/2008	25.37
2/22/2006	0.00	13.11	0.42	2/22/2008	48.16
3/1/2006	0.58	0.00	0.00	2/29/2008	126.94
3/8/2006	0.00	136.30	4.53	3/7/2008	2.68
3/15/2006	0.00	0.00	0.00	3/14/2008	5.38
3/22/2006	0.00	0.00	0.00	3/21/2008	2.15
3/29/2006	0.76	0.00	0.00	3/28/2008	3.91
4/5/2006	0.00	0.00	0.00	4/4/2008	1.95
4/12/2006	0.33	0.00	0.00	4/11/2008	7.47
4/19/2006	0.00	0.00	0.00	4/18/2008	5.08
4/26/2006	1.19	1.65	0.06	4/25/2008	0.82
5/3/2006	0.01	6.37	0.24		
5/10/2006	0.04	56.99	2.19		
5/17/2006	3.30	0.00	0.00		
5/24/2006	0.01	0.00	0.00		
5/31/2006	0.93	0.00	0.00		
6/7/2006	0.11	0.00	0.00		
6/14/2006	2.67	0.00	0.00		
6/21/2006	1.98	996.36	47.93		
6/28/2006	4.10	38.62	1.86		
7/5/2006	0.37	0.00	0.00		
7/12/2006	3.06	429.98	18.56		
7/19/2006	1.86	764.31	33.00		
7/26/2006	2.11	2633.85	126.70		
8/2/2006	3.26	2175.61	144.95		
8/9/2006	0.18	921.92	57.56		
8/16/2006	3.40	667.97	37.90		
8/23/2006	1.61	2944.96	127.14		
8/30/2006	8.22	5943.93	798.19		
9/6/2006	3.28	16803.89	5635.74		
9/13/2006	3.98	14679.85	6230.37		
9/20/2006	1.87	11122.81	3416.23		
9/27/2006	0.33	5573.40	1547.70		
10/4/2006	0.04	2692.38	381.92		

	Feeder Canal Basin	S-190			WWEIR
Weekly Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Weekly Date	Load (kg)
10/11/2006	0.05	1144.20	118.14		
10/18/2006	0.13	238.16	18.32		
10/25/2006	0.00	36.12	2.22		
11/1/2006	0.47	270.43	12.72		
11/8/2006	1.23	580.46	22.71		
11/15/2006	0.00	2.26	0.09		
11/22/2006	0.04	0.00	0.00		
11/29/2006	0.05	0.26	0.00		
12/6/2006	0.05	0.00	0.00		
12/13/2006	0.00	0.67	0.02		
12/20/2006	0.56	0.00	0.00		
12/27/2006	1.41	0.00	0.00		
1/3/2007	0.07	0.00	0.00		
1/10/2007	0.00	1.19	0.04		
1/17/2007	0.00	0.00	0.00		
1/24/2007	0.03	0.00	0.00		
1/31/2007	0.17	0.00	0.00		
2/7/2007	0.61	0.00	0.00		
2/14/2007	0.33	0.00	0.00		
2/21/2007	0.23	0.00	0.00		
2/28/2007	0.37	0.00	0.00		
3/7/2007	0.67	0.00	0.00		
3/14/2007	0.00	0.00	0.00		
3/21/2007	0.03	0.00	0.00		
3/28/2007	0.00	0.00	0.00		
4/4/2007	0.02	0.00	0.00		
4/11/2007	1.39	0.00	0.00		
4/18/2007	1.28	0.00	0.00		
4/25/2007	0.00	0.00	0.00		
5/2/2007	0.62	0.00	0.00		
5/9/2007	1.68	0.36	0.01		
5/16/2007	0.80	0.54	0.02		
5/23/2007	0.00	0.00	0.00		
5/30/2007	0.01	0.00	0.00		
6/6/2007	5.78	0.00	0.00		
6/13/2007	0.90	0.00	0.00		
6/20/2007	0.56	0.00	0.00		
6/27/2007	0.03	0.00	0.00		
7/4/2007	1.75	0.00	0.00		
7/11/2007	3.24	2.12	0.07		
7/18/2007	2.22	283.81	17.85		

	Feeder Canal Basin	S-190			WWEIR
Weekly Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Weekly Date	Load (kg)
7/25/2007	2.21	453.62	28.54		
8/1/2007	2.56	1643.56	123.67		
8/8/2007	0.02	504.97	42.96		
8/15/2007	2.40	568.11	42.75		
8/22/2007	1.45	1219.02	79.69		
8/29/2007	1.86	1474.29	85.47		
9/5/2007	2.03	1589.22	107.81		
9/12/2007	1.62	1468.88	79.36		
9/19/2007	1.77	2677.73	1133.77		
9/26/2007	2.65	3499.04	484.50		
10/3/2007	0.42	2173.05	255.11		
10/10/2007	0.58	2560.98	289.58		
10/17/2007	0.03	1200.67	123.40		
10/24/2007	2.02	795.23	84.36		
10/31/2007	0.60	1089.70	76.36		
11/7/2007	0.04	491.25	26.66		
11/14/2007	0.00	2.64	0.09		
11/21/2007	0.00	0.00	0.00		
11/28/2007	0.09	0.00	0.00		
12/5/2007	0.09	0.00	0.00		
12/12/2007	0.03	0.00	0.00		
12/19/2007	0.37	0.00	0.00		
12/26/2007	0.02	0.00	0.00		
1/2/2008	0.05	0.00	0.00		
1/9/2008	0.00	0.00	0.00		
1/16/2008	0.03	0.00	0.00		
1/23/2008	0.33	0.00	0.00		
1/30/2008	0.00	0.00	0.00		
2/6/2008	0.00	0.00	0.00		
2/13/2008	3.30	2.12	0.07		
2/20/2008	0.09	0.00	0.00		
2/27/2008	0.63	0.60	0.02		
3/5/2008	0.13	7.08	0.22		
3/12/2008	0.67	62.48	2.17		
3/19/2008	0.01	11.96	0.42		
3/26/2008	1.36	1.95	0.05		
4/2/2008	0.85	0.13	0.00		
4/9/2008	3.40	997.72	43.07		
4/16/2008	0.00	498.28	21.51		
4/23/2008	0.00	29.07	1.00		
4/30/2008	0.00	0.00	0.00		

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
1-May-97	0.00	0.00	0.00	
2-May-97	0.20	0.00	0.00	
3-May-97	0.08	0.00	0.00	
4-May-97	0.00	0.00	0.00	
5-May-97	0.00	0.00	0.00	
6-May-97	0.00	0.00	0.00	
7-May-97	0.00	0.00	0.00	
8-May-97	0.00	45.96	1.42	
9-May-97	0.01	0.00	0.00	
10-May-97	0.00	0.00	0.00	
11-May-97	0.07	0.00	0.00	
12-May-97	2.07	0.00	0.00	
13-May-97	0.05	0.00	0.00	
14-May-97	0.00	418.17	12.90	
15-May-97	0.00	0.00	0.00	
16-May-97	0.00	0.00	0.00	
17-May-97	0.21	210.24	6.48	
18-May-97	1.93	144.43	4.45	
19-May-97	0.03	321.63	9.92	
20-May-97	0.07	348.25	10.74	
21-May-97	0.00	156.94	4.84	
22-May-97	0.15	163.58	5.04	
23-May-97	0.00	0.00	0.00	
24-May-97	0.00	207.47	6.40	
25-May-97	0.00	0.00	0.00	
26-May-97	0.13	0.00	0.00	
27-May-97	0.04	0.00	0.00	
28-May-97	0.01	0.00	0.00	
29-May-97	0.00	0.00	0.00	
30-May-97	0.19	0.00	0.00	
31-May-97	0.00	0.00	0.00	
1-Jun-97	1.88	0.00	0.00	
2-Jun-97	0.18	373.96	11.53	
3-Jun-97	1.08	208.83	6.44	
4-Jun-97	0.00	545.08	16.81	
5-Jun-97	0.00	180.76	5.57	
6-Jun-97	0.00	282.30	8.71	
7-Jun-97	0.00	229.65	7.08	
8-Jun-97	0.06	9.37	0.29	
9-Jun-97	0.55	195.48	6.03	
10-Jun-97	0.01	280.03	8.64	

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
11-Jun-97	0.01	236.80	7.30	
12-Jun-97	0.14	191.88	5.92	
13-Jun-97	0.03	151.88	4.79	
14-Jun-97	0.19	218.31	7.04	
15-Jun-97	0.01	0.00	0.00	
16-Jun-97	0.00	180.31	6.07	
17-Jun-97	0.00	47.05	1.62	
18-Jun-97	0.04	0.00	0.00	
19-Jun-97	0.01	47.19	1.69	
20-Jun-97	0.00	0.00	0.00	
21-Jun-97	0.68	0.00	0.00	
22-Jun-97	0.00	0.00	0.00	
23-Jun-97	0.10	0.00	0.00	
24-Jun-97	0.01	0.00	0.00	
25-Jun-97	0.00	97.09	3.88	
26-Jun-97	0.02	0.00	0.00	
27-Jun-97	0.73	0.00	0.00	
28-Jun-97	0.00	0.00	0.00	
29-Jun-97	0.00	0.00	0.00	
30-Jun-97	1.35	54.84	2.39	
1-Jul-97	0.02	207.68	9.19	
2-Jul-97	0.60	567.26	25.49	
3-Jul-97	0.20	582.72	26.59	
4-Jul-97	0.34	0.00	0.00	
5-Jul-97	0.06	0.00	0.00	
6-Jul-97	0.00	0.00	0.00	
7-Jul-97	0.00	192.19	9.31	
8-Jul-97	0.00	29.05	1.43	
9-Jul-97	1.20	15.08	0.75	
10-Jul-97	0.65	291.38	14.74	
11-Jul-97	0.06	721.21	37.85	
12-Jul-97	0.00	474.63	25.82	
13-Jul-97	0.00	400.40	22.54	
14-Jul-97	0.43	173.75	10.11	
15-Jul-97	0.32	399.30	24.01	
16-Jul-97	0.05	661.89	41.05	
17-Jul-97	0.00	433.81	27.74	
18-Jul-97	0.13	246.18	16.21	
19-Jul-97	0.08	102.47	6.94	
20-Jul-97	0.09	252.70	17.60	
21-Jul-97	0.00	14.33	1.03	

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
22-Jul-97	0.06	273.50	20.10	
23-Jul-97	0.03	24.62	1.86	
24-Jul-97	0.16	128.48	9.93	
25-Jul-97	0.11	108.19	8.57	
26-Jul-97	0.06	197.72	16.04	
27-Jul-97	0.53	128.07	10.63	
28-Jul-97	0.37	205.65	17.47	
29-Jul-97	0.00	5.68	0.49	
30-Jul-97	0.05	242.89	21.56	
31-Jul-97	0.00	101.60	9.21	
1-Aug-97	0.16	145.37	13.46	
2-Aug-97	0.03	181.30	17.13	
3-Aug-97	0.35	192.32	18.54	
4-Aug-97	0.02	124.09	12.20	
5-Aug-97	0.03	272.08	27.26	
6-Aug-97	0.08	385.59	39.37	
7-Aug-97	1.28	352.88	36.71	
8-Aug-97	0.09	321.57	34.06	
9-Aug-97	1.22	547.90	59.09	
10-Aug-97	2.37	784.12	86.06	
11-Aug-97	0.06	1266.22	141.39	
12-Aug-97	0.00	858.74	97.53	
13-Aug-97	0.00	730.92	84.40	
14-Aug-97	0.00	382.10	44.85	
15-Aug-97	0.41	490.61	58.53	
16-Aug-97	0.06	640.20	77.60	
17-Aug-97	0.40	471.79	58.08	
18-Aug-97	0.01	465.27	58.17	
19-Aug-97	0.00	419.77	53.28	
20-Aug-97	0.08	307.55	39.62	
21-Aug-97	0.46	324.36	42.41	
22-Aug-97	0.09	398.20	50.17	
23-Aug-97	0.57	365.49	44.31	
24-Aug-97	0.07	515.91	60.09	
25-Aug-97	0.03	361.80	40.42	
26-Aug-97	0.00	326.91	34.97	
27-Aug-97	0.00	296.41	30.29	
28-Aug-97	0.00	209.67	20.43	
29-Aug-97	0.00	66.76	6.19	
30-Aug-97	0.00	219.75	19.32	
31-Aug-97	0.67	83.51	6.95	

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
1-Sep-97	0.09	280.11	21.96	
2-Sep-97	0.82	375.52	27.66	
3-Sep-97	0.00	427.93	29.48	
4-Sep-97	0.18	496.48	31.84	
5-Sep-97	0.18	345.81	24.08	
6-Sep-97	0.00	411.10	30.90	
7-Sep-97	0.02	335.48	27.06	
8-Sep-97	0.00	151.48	13.05	
9-Sep-97	0.01	149.75	13.73	
10-Sep-97	0.00	178.68	17.36	
11-Sep-97	0.18	0.00	0.00	
12-Sep-97	0.79	425.84	46.07	
13-Sep-97	0.02	380.82	43.30	
14-Sep-97	0.38	444.53	52.99	
15-Sep-97	0.00	372.03	46.40	
16-Sep-97	0.00	328.20	42.74	
17-Sep-97	0.00	139.62	18.95	
18-Sep-97	0.00	139.18	19.66	
19-Sep-97	0.00	229.85	33.73	
20-Sep-97	0.00	197.37	30.05	
21-Sep-97	0.00	50.23	7.92	
22-Sep-97	0.00	159.29	26.01	
23-Sep-97	0.00	69.42	11.72	
24-Sep-97	0.02	0.00	0.00	
25-Sep-97	0.00	51.66	9.29	
26-Sep-97	0.18	219.66	40.70	
27-Sep-97	0.90	193.67	36.95	
28-Sep-97	1.16	427.31	83.88	
29-Sep-97	0.00	515.03	103.94	
30-Sep-97	0.11	268.57	55.68	
1-Oct-97	0.41	390.52	83.11	
2-Oct-97	0.00	454.24	99.17	
3-Oct-97	0.00	318.34	68.78	
4-Oct-97	0.00	140.28	29.99	
5-Oct-97	0.00	262.67	55.56	
6-Oct-97	0.00	157.78	33.02	
7-Oct-97	0.00	212.94	44.08	
8-Oct-97	0.03	76.32	15.63	
9-Oct-97	0.03	190.23	38.52	
10-Oct-97	0.04	166.72	33.38	
11-Oct-97	0.00	0.00	0.00	

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
12-Oct-97	0.00	214.92	42.06	
13-Oct-97	0.00	35.87	6.94	
14-Oct-97	0.00	0.00	0.00	
15-Oct-97	0.00	0.00	0.00	
16-Oct-97	0.00	0.00	0.00	
17-Oct-97	0.44	0.00	0.00	
18-Oct-97	0.02	162.60	29.61	
19-Oct-97	0.00	52.90	9.51	
20-Oct-97	0.00	0.00	0.00	
21-Oct-97	0.00	0.00	0.00	
22-Oct-97	0.00	0.00	0.00	
23-Oct-97	0.00	0.00	0.00	
24-Oct-97	0.00	0.00	0.00	
25-Oct-97	0.00	0.00	0.00	
26-Oct-97	0.00	0.00	0.00	
27-Oct-97	0.04	17.46	2.82	
28-Oct-97	0.01	0.00	0.00	
29-Oct-97	0.00	0.00	0.00	
30-Oct-97	0.00	0.00	0.00	
31-Oct-97	0.50	0.00	0.00	
1-Nov-97	0.02	0.00	0.00	
2-Nov-97	1.10	0.00	0.00	
3-Nov-97	0.00	0.07	0.01	
4-Nov-97	0.00	14.25	2.05	
5-Nov-97	0.00	212.43	30.02	
6-Nov-97	0.00	0.00	0.00	
7-Nov-97	0.00	4.12	0.56	
8-Nov-97	0.00	20.33	2.73	
9-Nov-97	0.00	187.72	24.83	
10-Nov-97	0.00	0.00	0.00	
11-Nov-97	0.00	0.00	0.00	
12-Nov-97	0.00	0.00	0.00	
13-Nov-97	0.00	0.00	0.00	
14-Nov-97	0.55	0.00	0.00	
15-Nov-97	0.00	6.22	0.74	
16-Nov-97	0.00	19.91	2.32	
17-Nov-97	0.00	143.73	16.41	
18-Nov-97	0.00	34.40	3.85	
19-Nov-97	0.00	33.52	3.67	
20-Nov-97	0.00	0.00	0.00	
21-Nov-97	0.00	0.00	0.00	

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
22-Nov-97	1.47	32.59	3.35	
23-Nov-97	0.04	224.16	22.54	
24-Nov-97	0.00	0.00	0.00	
25-Nov-97	0.00	5.11	0.49	
26-Nov-97	0.00	168.51	15.80	
27-Nov-97	0.00	34.85	3.19	
28-Nov-97	0.24	0.07	0.01	
29-Nov-97	0.84	23.32	2.03	
30-Nov-97	0.20	281.16	23.82	
1-Dec-97	0.00	256.13	21.12	
2-Dec-97	0.84	221.66	17.78	
3-Dec-97	0.26	185.44	14.45	
4-Dec-97	0.21	294.39	22.28	
5-Dec-97	0.00	448.85	32.95	
6-Dec-97	0.00	285.91	20.34	
7-Dec-97	0.00	252.45	17.39	
8-Dec-97	0.00	267.01	17.78	
9-Dec-97	0.00	240.79	17.79	
10-Dec-97	0.00	208.43	16.92	
11-Dec-97	0.01	175.20	15.49	
12-Dec-97	0.09	143.53	13.74	
13-Dec-97	0.73	283.72	29.22	
14-Dec-97	1.85	1543.06	170.16	
15-Dec-97	0.00	1428.20	167.89	
16-Dec-97	0.15	1028.60	128.40	
17-Dec-97	0.03	788.92	104.22	
18-Dec-97	0.30	514.32	71.69	
19-Dec-97	0.74	462.82	64.77	
20-Dec-97	0.78	423.34	59.49	
21-Dec-97	0.35	393.83	55.57	
22-Dec-97	0.07	369.98	52.41	
23-Dec-97	0.03	207.54	29.52	
24-Dec-97	0.00	357.44	51.04	
25-Dec-97	0.00	224.68	32.21	
26-Dec-97	0.00	211.63	30.46	
27-Dec-97	0.07	416.10	60.13	
28-Dec-97	0.00	419.59	60.87	
29-Dec-97	0.00	531.08	77.35	
30-Dec-97	0.00	380.50	55.63	
31-Dec-97	0.00	243.04	35.67	
1-Jan-98	0.00	302.76	42.95	

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
2-Jan-98	0.00	90.54	12.40	
3-Jan-98	0.00	230.41	30.41	
4-Jan-98	0.00	207.81	26.40	
5-Jan-98	0.03	184.83	22.57	
6-Jan-98	0.01	157.25	18.43	
7-Jan-98	0.00	139.61	15.67	
8-Jan-98	0.27	120.81	12.96	
9-Jan-98	0.01	163.08	16.70	
10-Jan-98	0.00	226.36	22.06	
11-Jan-98	0.00	201.01	18.60	
12-Jan-98	0.00	36.33	3.18	
13-Jan-98	0.00	60.69	5.02	
14-Jan-98	0.00	147.89	11.49	
15-Jan-98	0.47	162.23	11.81	
16-Jan-98	0.08	352.25	25.76	
17-Jan-98	0.00	88.75	6.52	
18-Jan-98	0.00	232.47	17.16	
19-Jan-98	0.00	73.97	5.49	
20-Jan-98	0.00	198.22	14.77	
21-Jan-98	0.00	228.46	17.11	
22-Jan-98	0.00	191.17	14.38	
23-Jan-98	0.04	26.89	2.03	
24-Jan-98	0.00	231.12	17.55	
25-Jan-98	0.00	43.94	3.35	
26-Jan-98	1.40	135.93	10.42	
27-Jan-98	0.01	230.19	17.73	
28-Jan-98	0.00	220.12	17.03	
29-Jan-98	0.00	199.37	15.49	
30-Jan-98	0.00	176.46	14.00	
31-Jan-98	0.00	98.72	7.99	
1-Feb-98	0.00	70.42	5.82	
2-Feb-98	0.67	222.71	18.76	
3-Feb-98	0.08	219.75	18.87	
4-Feb-98	0.04	381.44	33.37	
5-Feb-98	0.00	111.62	9.95	
6-Feb-98	0.51	232.75	21.12	
7-Feb-98	0.01	225.90	20.87	
8-Feb-98	0.00	217.57	20.45	
9-Feb-98	0.00	203.47	19.46	
10-Feb-98	0.00	178.64	17.38	
11-Feb-98	0.00	72.30	7.15	

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
12-Feb-98	0.00	54.69	5.50	
13-Feb-98	0.00	234.51	23.96	
14-Feb-98	0.00	157.25	16.32	
15-Feb-98	1.00	120.08	12.66	
16-Feb-98	0.12	450.63	48.24	
17-Feb-98	0.68	249.53	27.12	
18-Feb-98	0.01	400.38	44.17	
19-Feb-98	0.00	373.27	41.78	
20-Feb-98	0.00	344.96	39.18	
21-Feb-98	0.00	320.83	36.96	
22-Feb-98	0.00	279.23	32.62	
23-Feb-98	0.45	267.30	31.66	
24-Feb-98	0.00	254.57	30.57	
25-Feb-98	0.00	222.32	27.06	
26-Feb-98	0.00	180.81	22.30	
27-Feb-98	0.01	168.15	19.94	
28-Feb-98	0.00	169.07	19.25	
1-Mar-98	0.49	171.28	18.68	
2-Mar-98	0.03	374.77	39.09	
3-Mar-98	0.00	192.17	19.13	
4-Mar-98	0.00	36.17	3.43	
5-Mar-98	0.00	184.59	16.62	
6-Mar-98	0.00	78.94	6.73	
7-Mar-98	0.00	98.71	7.95	
8-Mar-98	0.00	180.95	13.71	
9-Mar-98	1.71	488.11	34.66	
10-Mar-98	0.00	379.32	25.13	
11-Mar-98	0.00	348.60	21.44	
12-Mar-98	0.00	309.23	17.55	
13-Mar-98	0.00	97.45	5.56	
14-Mar-98	0.00	258.94	14.85	
15-Mar-98	0.00	157.19	9.06	
16-Mar-98	0.00	215.79	12.51	
17-Mar-98	0.00	194.58	11.34	
18-Mar-98	0.09	77.35	4.53	
19-Mar-98	1.19	271.26	15.98	
20-Mar-98	0.42	763.51	45.21	
21-Mar-98	0.00	640.86	38.14	
22-Mar-98	0.00	505.33	30.23	
23-Mar-98	0.00	430.44	25.88	
24-Mar-98	0.00	319.80	19.33	

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
25-Mar-98	0.00	269.61	16.38	
26-Mar-98	0.00	173.38	10.59	
27-Mar-98	0.00	213.90	13.13	
28-Mar-98	0.00	0.00	0.00	
29-Mar-98	0.00	178.72	11.08	
30-Mar-98	0.00	133.39	8.31	
31-Mar-98	0.00	0.00	0.00	
1-Apr-98	0.00	204.13	12.84	
2-Apr-98	0.00	0.00	0.00	
3-Apr-98	0.00	122.89	7.81	
4-Apr-98	0.01	29.41	1.88	
5-Apr-98	0.00	0.00	0.00	
6-Apr-98	0.00	0.00	0.00	
7-Apr-98	0.00	0.00	0.00	
8-Apr-98	0.00	0.00	0.00	
9-Apr-98	0.00	160.04	10.46	
10-Apr-98	0.00	0.00	0.00	
11-Apr-98	0.00	0.00	0.00	
12-Apr-98	0.00	0.00	0.00	
13-Apr-98	0.00	0.00	0.00	
14-Apr-98	0.00	0.00	0.00	
15-Apr-98	0.00	0.00	0.00	
16-Apr-98	0.00	0.00	0.00	
17-Apr-98	0.00	0.00	0.00	
18-Apr-98	0.00	0.00	0.00	
19-Apr-98	0.00	0.00	0.00	
20-Apr-98	0.00	0.00	0.00	
21-Apr-98	0.14	0.00	0.00	
22-Apr-98	0.00	0.00	0.00	
23-Apr-98	0.00	0.00	0.00	
24-Apr-98	0.00	0.00	0.00	
25-Apr-98	0.00	0.00	0.00	
26-Apr-98	0.00	0.00	0.00	
27-Apr-98	0.00	0.00	0.00	
28-Apr-98	0.00	0.00	0.00	
29-Apr-98	0.41	0.00	0.00	
30-Apr-98	0.06	0.00	0.00	
1-May-98	0.26	0.00	0.00	
2-May-98	0.01	0.00	0.00	
3-May-98	0.00	0.00	0.00	
4-May-98	0.01	0.00	0.00	

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
5-May-98	0.01	0.00	0.00	
6-May-98	0.00	0.00	0.00	
7-May-98	0.00	0.00	0.00	
8-May-98	0.00	0.00	0.00	
9-May-98	0.00	0.00	0.00	
10-May-98	0.00	0.00	0.00	
11-May-98	0.02	0.00	0.00	
12-May-98	0.00	0.00	0.00	
13-May-98	0.00	0.00	0.00	
14-May-98	0.00	0.00	0.00	
15-May-98	0.00	0.00	0.00	
16-May-98	0.00	0.00	0.00	
17-May-98	0.00	0.00	0.00	
18-May-98	0.00	0.00	0.00	
19-May-98	0.14	0.00	0.00	
20-May-98	0.00	0.00	0.00	
21-May-98	0.00	0.00	0.00	
22-May-98	0.00	0.00	0.00	
23-May-98	0.00	0.00	0.00	
24-May-98	0.00	0.00	0.00	
25-May-98	0.00	0.00	0.00	
26-May-98	0.00	0.00	0.00	
27-May-98	0.00	0.00	0.00	
28-May-98	1.07	0.00	0.00	
29-May-98	0.21	0.00	0.00	
30-May-98	0.18	0.00	0.00	
31-May-98	0.20	0.00	0.00	
1-Jun-98	0.00	0.00	0.00	
2-Jun-98	0.00	0.00	0.00	
3-Jun-98	0.00	0.18	0.01	
4-Jun-98	0.00	0.00	0.00	
5-Jun-98	0.00	0.00	0.00	
6-Jun-98	0.00	0.00	0.00	
7-Jun-98	0.03	0.00	0.00	
8-Jun-98	0.09	0.00	0.00	
9-Jun-98	0.00	0.00	0.00	
10-Jun-98	0.00	0.00	0.00	
11-Jun-98	0.00	0.00	0.00	
12-Jun-98	0.12	0.00	0.00	
13-Jun-98	0.00	0.00	0.00	
14-Jun-98	0.00	0.00	0.00	

Daily Date	Feeder Canal Basin	S-190		WWEIR
	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
15-Jun-98	0.00	0.00	0.00	
16-Jun-98	0.00	0.00	0.00	
17-Jun-98	0.01	0.00	0.00	
18-Jun-98	0.16	0.00	0.00	
19-Jun-98	0.00	0.00	0.00	
20-Jun-98	0.00	0.00	0.00	
21-Jun-98	0.36	0.00	0.00	
22-Jun-98	1.22	0.00	0.00	
23-Jun-98	0.00	0.00	0.00	
24-Jun-98	0.31	0.00	0.00	
25-Jun-98	0.51	0.00	0.00	
26-Jun-98	0.01	0.00	0.00	
27-Jun-98	0.00	0.00	0.00	
28-Jun-98	0.00	0.00	0.00	
29-Jun-98	0.00	0.24	0.01	
30-Jun-98	0.01	0.00	0.00	
1-Jul-98	0.01	0.00	0.00	
2-Jul-98	0.26	0.00	0.00	
3-Jul-98	0.00	0.00	0.00	
4-Jul-98	0.37	0.00	0.00	
5-Jul-98	0.00	0.00	0.00	
6-Jul-98	0.07	0.00	0.00	
7-Jul-98	0.20	0.00	0.00	
8-Jul-98	0.25	0.00	0.00	
9-Jul-98	0.01	8.06	0.28	
10-Jul-98	0.00	0.00	0.00	
11-Jul-98	0.03	0.00	0.00	
12-Jul-98	0.00	0.00	0.00	
13-Jul-98	0.59	0.00	0.00	
14-Jul-98	0.04	0.00	0.00	
15-Jul-98	0.03	0.00	0.00	
16-Jul-98	1.71	0.00	0.00	
17-Jul-98	0.01	0.00	0.00	
18-Jul-98	0.13	0.00	0.00	
19-Jul-98	0.10	0.00	0.00	
20-Jul-98	0.00	0.00	0.00	
21-Jul-98	0.30	0.00	0.00	
22-Jul-98	0.44	3.02	0.09	
23-Jul-98	0.00	0.00	0.00	
24-Jul-98	0.00	0.00	0.00	
25-Jul-98	0.00	0.00	0.00	

Daily Date	Feeder Canal Basin	S-190		WWEIR
	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
26-Jul-98	1.19	0.00	0.00	
27-Jul-98	0.00	0.00	0.00	
28-Jul-98	0.00	0.00	0.00	
29-Jul-98	0.00	0.00	0.00	
30-Jul-98	0.02	1.05	0.03	
31-Jul-98	0.03	0.00	0.00	
1-Aug-98	0.17	0.00	0.00	
2-Aug-98	0.00	0.00	0.00	
3-Aug-98	0.51	0.10	0.00	
4-Aug-98	0.63	3.71	0.13	
5-Aug-98	0.02	116.79	4.40	
6-Aug-98	0.08	58.30	2.30	
7-Aug-98	0.03	0.00	0.00	
8-Aug-98	0.05	0.00	0.00	
9-Aug-98	0.02	0.01	0.00	
10-Aug-98	1.38	5.58	0.26	
11-Aug-98	0.00	159.74	7.71	
12-Aug-98	0.03	6.55	0.33	
13-Aug-98	0.00	220.40	11.42	
14-Aug-98	0.64	0.00	0.00	
15-Aug-98	0.11	8.10	0.45	
16-Aug-98	0.15	213.53	12.19	
17-Aug-98	0.21	4.47	0.26	
18-Aug-98	1.26	277.56	16.82	
19-Aug-98	0.10	320.52	19.99	
20-Aug-98	0.01	583.85	37.45	
21-Aug-98	0.72	617.40	40.69	
22-Aug-98	0.06	430.89	29.16	
23-Aug-98	0.01	401.11	27.85	
24-Aug-98	0.00	460.13	32.76	
25-Aug-98	0.00	281.79	20.56	
26-Aug-98	0.08	299.29	22.36	
27-Aug-98	0.31	314.74	24.07	
28-Aug-98	0.00	195.73	14.69	
29-Aug-98	0.00	43.99	3.24	
30-Aug-98	0.00	230.98	16.68	
31-Aug-98	0.00	75.15	5.32	
1-Sep-98	0.01	0.00	0.00	
2-Sep-98	0.36	0.00	0.00	
3-Sep-98	0.00	207.64	13.81	
4-Sep-98	0.31	5.31	0.35	

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
5-Sep-98	0.08	44.50	2.83	
6-Sep-98	0.00	164.18	10.22	
7-Sep-98	0.03	0.00	0.00	
8-Sep-98	0.00	103.02	6.12	
9-Sep-98	0.20	104.40	6.05	
10-Sep-98	0.05	0.00	0.00	
11-Sep-98	0.00	184.16	10.87	
12-Sep-98	0.00	24.49	1.46	
13-Sep-98	0.00	0.00	0.00	
14-Sep-98	0.00	0.00	0.00	
15-Sep-98	0.33	0.00	0.00	
16-Sep-98	0.46	221.03	13.63	
17-Sep-98	0.90	125.37	7.80	
18-Sep-98	0.39	230.66	14.47	
19-Sep-98	0.39	490.43	31.02	
20-Sep-98	0.15	350.80	22.38	
21-Sep-98	0.14	319.67	20.56	
22-Sep-98	0.68	542.53	35.18	
23-Sep-98	0.00	534.67	34.95	
24-Sep-98	0.04	358.89	23.65	
25-Sep-98	2.10	520.94	34.61	
26-Sep-98	0.28	591.86	39.63	
27-Sep-98	0.01	514.84	34.75	
28-Sep-98	0.00	489.94	33.32	
29-Sep-98	0.00	449.83	30.83	
30-Sep-98	0.00	259.14	17.90	
1-Oct-98	0.00	424.30	31.21	
2-Oct-98	0.00	203.44	15.87	
3-Oct-98	1.54	270.94	22.35	
4-Oct-98	0.01	428.96	37.30	
5-Oct-98	0.00	242.77	22.20	
6-Oct-98	0.06	299.91	28.76	
7-Oct-98	0.00	139.60	14.01	
8-Oct-98	0.03	155.66	16.32	
9-Oct-98	0.00	0.00	0.00	
10-Oct-98	0.01	1.57	0.17	
11-Oct-98	0.00	195.40	20.81	
12-Oct-98	1.27	124.10	13.29	
13-Oct-98	0.00	518.22	55.78	
14-Oct-98	0.00	229.13	24.79	
15-Oct-98	0.00	284.74	30.97	

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
16-Oct-98	0.00	256.35	28.02	
17-Oct-98	0.00	84.12	9.24	
18-Oct-98	0.04	144.46	15.95	
19-Oct-98	0.04	105.43	11.70	
20-Oct-98	0.00	77.76	8.67	
21-Oct-98	1.00	198.29	22.23	
22-Oct-98	0.01	584.34	65.83	
23-Oct-98	0.00	0.00	0.00	
24-Oct-98	0.00	51.23	5.83	
25-Oct-98	0.00	220.13	25.17	
26-Oct-98	0.00	6.02	0.69	
27-Oct-98	0.00	216.97	25.05	
28-Oct-98	0.00	62.29	7.23	
29-Oct-98	0.00	0.03	0.00	
30-Oct-98	0.00	158.75	18.59	
31-Oct-98	0.00	0.00	0.00	
1-Nov-98	0.00	0.00	0.00	
2-Nov-98	0.00	0.44	0.05	
3-Nov-98	0.00	170.71	20.37	
4-Nov-98	4.03	186.26	22.33	
5-Nov-98	2.75	2452.24	295.42	
6-Nov-98	0.00	2310.00	279.57	
7-Nov-98	0.00	2133.30	259.38	
8-Nov-98	0.00	1986.68	242.66	
9-Nov-98	0.00	1635.74	200.71	
10-Nov-98	0.00	1422.77	175.37	
11-Nov-98	0.01	1224.28	151.59	
12-Nov-98	0.00	1119.52	139.24	
13-Nov-98	0.00	814.74	101.79	
14-Nov-98	0.00	707.97	88.84	
15-Nov-98	0.00	660.56	83.26	
16-Nov-98	0.00	375.15	47.50	
17-Nov-98	0.00	735.15	93.49	
18-Nov-98	0.00	469.86	60.01	
19-Nov-98	0.05	532.42	68.30	
20-Nov-98	0.00	369.47	46.17	
21-Nov-98	0.00	399.17	48.56	
22-Nov-98	0.00	351.93	41.64	
23-Nov-98	0.00	237.70	27.34	
24-Nov-98	0.10	244.18	27.27	
25-Nov-98	0.00	436.89	47.34	

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
26-Nov-98	0.01	239.38	25.14	
27-Nov-98	0.00	295.95	30.10	
28-Nov-98	0.00	86.33	8.49	
29-Nov-98	0.00	264.50	25.15	
30-Nov-98	0.00	108.52	9.96	
1-Dec-98	0.01	168.54	14.90	
2-Dec-98	0.00	267.07	22.73	
3-Dec-98	0.00	92.95	7.69	
4-Dec-98	0.00	121.65	9.77	
5-Dec-98	0.16	180.78	14.09	
6-Dec-98	0.01	70.10	5.30	
7-Dec-98	0.00	224.12	16.40	
8-Dec-98	0.00	1.93	0.14	
9-Dec-98	0.00	202.25	13.84	
10-Dec-98	0.01	164.30	10.85	
11-Dec-98	0.74	113.22	7.21	
12-Dec-98	0.17	400.73	24.55	
13-Dec-98	0.36	203.19	11.96	
14-Dec-98	0.11	269.27	15.21	
15-Dec-98	0.00	251.92	13.63	
16-Dec-98	0.00	218.98	11.33	
17-Dec-98	0.00	193.28	9.54	
18-Dec-98	0.00	168.32	8.26	
19-Dec-98	0.09	135.09	6.59	
20-Dec-98	0.00	125.10	6.07	
21-Dec-98	0.00	166.40	8.03	
22-Dec-98	0.01	209.58	10.06	
23-Dec-98	0.04	114.12	5.45	
24-Dec-98	0.01	93.19	4.43	
25-Dec-98	0.00	189.54	8.95	
26-Dec-98	0.00	3.23	0.15	
27-Dec-98	0.00	215.50	10.06	
28-Dec-98	0.00	18.29	0.85	
29-Dec-98	0.00	58.20	2.69	
30-Dec-98	0.00	170.56	7.83	
31-Dec-98	0.00	0.16	0.01	
1-Jan-99	0.00	13.68	0.62	
2-Jan-99	0.00	209.83	9.47	
3-Jan-99	0.37	42.86	1.92	
4-Jan-99	0.07	209.88	9.36	
5-Jan-99	0.02	0.00	0.00	

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
6-Jan-99	0.00	0.00	0.00	
7-Jan-99	0.00	2.46	0.11	
8-Jan-99	0.00	132.00	5.75	
9-Jan-99	0.12	84.09	3.64	
10-Jan-99	0.06	6.30	0.27	
11-Jan-99	0.01	207.69	8.87	
12-Jan-99	0.00	12.31	0.52	
13-Jan-99	0.00	3.99	0.17	
14-Jan-99	0.00	141.18	5.92	
15-Jan-99	0.00	67.57	2.82	
16-Jan-99	0.01	0.01	0.00	
17-Jan-99	0.00	5.26	0.22	
18-Jan-99	0.00	20.80	0.85	
19-Jan-99	0.00	72.73	2.95	
20-Jan-99	0.03	4.23	0.17	
21-Jan-99	0.00	0.05	0.00	
22-Jan-99	0.00	0.00	0.00	
23-Jan-99	0.00	0.00	0.00	
24-Jan-99	1.05	184.80	7.26	
25-Jan-99	0.00	261.59	10.21	
26-Jan-99	0.00	84.67	3.28	
27-Jan-99	0.00	1.83	0.07	
28-Jan-99	0.00	0.11	0.00	
29-Jan-99	0.00	0.03	0.00	
30-Jan-99	0.00	2.52	0.10	
31-Jan-99	0.00	165.16	6.37	
1-Feb-99	0.01	42.82	1.66	
2-Feb-99	0.00	0.73	0.03	
3-Feb-99	0.00	13.55	0.53	
4-Feb-99	0.00	14.17	0.55	
5-Feb-99	0.00	0.11	0.00	
6-Feb-99	0.00	0.00	0.00	
7-Feb-99	0.00	0.00	0.00	
8-Feb-99	0.00	0.00	0.00	
9-Feb-99	0.00	0.00	0.00	
10-Feb-99	0.03	0.00	0.00	
11-Feb-99	0.00	0.66	0.03	
12-Feb-99	0.30	10.42	0.41	
13-Feb-99	0.00	155.90	6.22	
14-Feb-99	0.00	0.00	0.00	
15-Feb-99	0.00	0.00	0.00	

Daily Date	Feeder Canal Basin	S-190		WWEIR
	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
16-Feb-99	0.00	0.00	0.00	
17-Feb-99	0.00	0.00	0.00	
18-Feb-99	0.42	0.00	0.00	
19-Feb-99	0.00	0.00	0.00	
20-Feb-99	0.00	1.99	0.08	
21-Feb-99	0.00	167.65	6.84	
22-Feb-99	0.00	195.46	7.99	
23-Feb-99	0.00	40.49	1.66	
24-Feb-99	0.00	0.00	0.00	
25-Feb-99	0.00	0.00	0.00	
26-Feb-99	0.00	0.00	0.00	
27-Feb-99	0.00	0.00	0.00	
28-Feb-99	0.00	0.00	0.00	
1-Mar-99	0.00	69.54	2.89	
2-Mar-99	0.00	0.00	0.00	
3-Mar-99	0.12	75.17	3.14	
4-Mar-99	0.00	0.00	0.00	
5-Mar-99	0.00	61.63	2.59	
6-Mar-99	0.00	0.00	0.00	
7-Mar-99	0.00	0.00	0.00	
8-Mar-99	0.00	0.00	0.00	
9-Mar-99	0.00	0.00	0.00	
10-Mar-99	0.00	0.00	0.00	
11-Mar-99	0.00	0.00	0.00	
12-Mar-99	0.00	0.00	0.00	
13-Mar-99	0.00	0.00	0.00	
14-Mar-99	0.05	0.00	0.00	
15-Mar-99	0.04	0.00	0.00	
16-Mar-99	0.00	14.57	0.63	
17-Mar-99	0.02	1.61	0.07	
18-Mar-99	0.00	0.00	0.00	
19-Mar-99	0.00	0.00	0.00	
20-Mar-99	0.00	0.00	0.00	
21-Mar-99	0.00	0.00	0.00	
22-Mar-99	0.00	0.00	0.00	
23-Mar-99	0.00	0.00	0.00	
24-Mar-99	0.00	0.00	0.00	
25-Mar-99	0.00	0.00	0.00	
26-Mar-99	0.00	0.00	0.00	
27-Mar-99	0.00	0.00	0.00	
28-Mar-99	0.00	0.00	0.00	

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
29-Mar-99	0.00	0.00	0.00	
30-Mar-99	0.00	0.00	0.00	
31-Mar-99	0.00	0.00	0.00	
1-Apr-99	0.10	0.00	0.00	
2-Apr-99	0.00	0.00	0.00	
3-Apr-99	0.00	0.00	0.00	
4-Apr-99	0.00	0.00	0.00	
5-Apr-99	0.00	0.00	0.00	
6-Apr-99	0.00	0.00	0.00	
7-Apr-99	0.00	0.00	0.00	
8-Apr-99	0.00	0.00	0.00	
9-Apr-99	0.00	0.00	0.00	
10-Apr-99	0.00	0.00	0.00	
11-Apr-99	0.00	0.00	0.00	
12-Apr-99	0.00	0.00	0.00	
13-Apr-99	0.00	0.00	0.00	
14-Apr-99	0.00	0.00	0.00	
15-Apr-99	0.00	0.00	0.00	
16-Apr-99	0.00	0.00	0.00	
17-Apr-99	0.08	0.00	0.00	
18-Apr-99	0.02	0.00	0.00	
19-Apr-99	0.00	0.00	0.00	
20-Apr-99	0.00	0.00	0.00	
21-Apr-99	0.00	13.62	0.64	
22-Apr-99	0.00	0.00	0.00	
23-Apr-99	0.00	0.00	0.00	
24-Apr-99	0.00	0.00	0.00	
25-Apr-99	0.00	0.00	0.00	
26-Apr-99	0.10	0.00	0.00	
27-Apr-99	0.02	0.00	0.00	
28-Apr-99	0.81	0.00	0.00	
29-Apr-99	0.04	0.00	0.00	
30-Apr-99	0.00	0.00	0.00	
1-May-99	0.00	0.00	0.00	0.00
2-May-99	0.00	0.00	0.00	0.00
3-May-99	0.00	0.00	0.00	0.00
4-May-99	0.00	0.00	0.00	0.00
5-May-99	0.00	0.00	0.00	0.00
6-May-99	0.01	0.00	0.00	0.00
7-May-99	0.05	0.00	0.00	0.00
8-May-99	0.00	0.00	0.00	0.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
9-May-99	0.29	0.00	0.00	0.00
10-May-99	1.01	0.00	0.00	0.00
11-May-99	0.04	0.00	0.00	0.00
12-May-99	0.19	0.00	0.00	0.00
13-May-99	0.00	2.10	0.10	0.00
14-May-99	0.00	0.00	0.00	0.00
15-May-99	0.01	0.00	0.00	0.00
16-May-99	0.00	0.00	0.00	0.00
17-May-99	0.00	0.00	0.00	0.00
18-May-99	0.00	0.00	0.00	0.00
19-May-99	1.09	0.00	0.00	0.00
20-May-99	0.08	0.00	0.00	0.00
21-May-99	0.86	0.00	0.00	0.00
22-May-99	0.00	0.00	0.00	0.00
23-May-99	0.00	0.00	0.00	0.00
24-May-99	0.00	0.00	0.00	0.00
25-May-99	0.00	0.00	0.00	0.00
26-May-99	0.00	0.00	0.00	0.00
27-May-99	0.00	0.00	0.00	0.00
28-May-99	0.00	0.00	0.00	0.00
29-May-99	0.77	0.00	0.00	0.00
30-May-99	0.25	0.00	0.00	0.00
31-May-99	0.01	0.00	0.00	0.00
1-Jun-99	0.00	0.00	0.00	0.00
2-Jun-99	0.70	0.00	0.00	0.00
3-Jun-99	0.47	0.00	0.00	0.00
4-Jun-99	0.04	0.00	0.00	0.00
5-Jun-99	0.83	0.00	0.00	0.00
6-Jun-99	0.00	0.00	0.00	0.00
7-Jun-99	0.28	0.00	0.00	0.00
8-Jun-99	0.73	0.00	0.00	0.00
9-Jun-99	0.15	0.00	0.00	0.00
10-Jun-99	0.07	0.00	0.00	0.00
11-Jun-99	0.60	106.19	5.56	0.00
12-Jun-99	0.00	126.53	6.64	0.00
13-Jun-99	0.00	6.26	0.33	0.00
14-Jun-99	0.00	63.03	3.32	0.00
15-Jun-99	0.06	5.60	0.30	0.00
16-Jun-99	0.34	10.11	0.54	0.00
17-Jun-99	0.32	152.74	8.10	0.00
18-Jun-99	0.09	129.69	7.53	0.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
19-Jun-99	0.86	6.09	0.38	0.00
20-Jun-99	0.13	236.09	16.10	0.00
21-Jun-99	0.95	52.89	3.87	0.00
22-Jun-99	0.02	294.68	23.06	0.00
23-Jun-99	0.55	332.42	27.70	0.09
24-Jun-99	0.02	290.05	25.63	1.50
25-Jun-99	0.35	308.66	28.83	1.99
26-Jun-99	2.52	695.20	68.45	5.84
27-Jun-99	0.01	983.89	101.83	9.89
28-Jun-99	0.00	756.29	82.09	8.32
29-Jun-99	0.03	757.08	80.15	6.81
30-Jun-99	1.16	513.18	52.95	7.71
1-Jul-99	0.05	916.52	92.10	12.68
2-Jul-99	0.31	685.86	67.08	12.33
3-Jul-99	0.01	656.52	62.45	14.18
4-Jul-99	0.05	734.92	67.94	12.58
5-Jul-99	0.11	700.68	62.89	11.20
6-Jul-99	0.00	441.93	38.48	9.18
7-Jul-99	0.00	372.44	31.43	7.59
8-Jul-99	0.01	415.65	33.96	7.01
9-Jul-99	0.00	327.86	25.91	36.46
10-Jul-99	0.00	140.36	10.71	32.26
11-Jul-99	0.42	277.59	20.44	32.86
12-Jul-99	0.00	430.70	30.56	51.78
13-Jul-99	0.00	411.34	28.08	43.76
14-Jul-99	0.82	336.73	22.09	36.93
15-Jul-99	0.09	275.83	17.35	10.03
16-Jul-99	0.09	238.04	14.76	9.11
17-Jul-99	0.69	203.96	12.47	8.60
18-Jul-99	0.13	267.94	16.15	8.86
19-Jul-99	0.02	261.04	15.50	8.18
20-Jul-99	0.01	251.71	14.73	7.12
21-Jul-99	0.00	18.37	1.06	6.42
22-Jul-99	0.05	254.47	14.44	5.89
23-Jul-99	0.11	1.06	0.06	4.97
24-Jul-99	0.00	190.44	10.47	4.86
25-Jul-99	0.00	30.16	1.63	4.43
26-Jul-99	0.00	6.76	0.36	4.05
27-Jul-99	2.00	193.71	10.14	4.78
28-Jul-99	0.00	79.10	4.07	5.27
29-Jul-99	0.00	184.47	9.33	4.28

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
30-Jul-99	0.00	2.74	0.14	4.37
31-Jul-99	0.01	163.78	8.25	3.96
1-Aug-99	0.11	30.12	1.52	4.08
2-Aug-99	0.25	5.99	0.30	3.87
3-Aug-99	0.92	262.90	13.18	4.89
4-Aug-99	0.02	269.45	13.48	5.63
5-Aug-99	0.63	394.65	19.72	5.49
6-Aug-99	0.15	291.26	14.52	5.47
7-Aug-99	0.00	291.43	14.51	5.47
8-Aug-99	0.07	238.77	11.86	4.84
9-Aug-99	0.26	265.67	13.18	5.08
10-Aug-99	0.00	239.03	11.84	4.61
11-Aug-99	0.11	203.99	10.08	4.19
12-Aug-99	0.01	140.73	6.94	3.97
13-Aug-99	0.58	104.20	5.22	3.41
14-Aug-99	0.05	3.87	0.20	3.13
15-Aug-99	0.00	4.51	0.23	2.73
16-Aug-99	1.00	52.15	2.74	3.42
17-Aug-99	0.17	271.86	14.49	4.91
18-Aug-99	0.73	231.02	12.50	4.54
19-Aug-99	0.16	375.28	20.60	5.47
20-Aug-99	0.00	280.49	15.62	4.17
21-Aug-99	1.59	395.85	22.36	4.63
22-Aug-99	0.23	633.96	36.31	6.85
23-Aug-99	0.87	622.28	36.13	11.05
24-Aug-99	0.01	1001.43	58.94	15.02
25-Aug-99	0.00	835.12	49.81	12.90
26-Aug-99	0.00	712.06	43.04	10.41
27-Aug-99	0.00	429.61	26.72	14.04
28-Aug-99	0.00	343.51	21.97	11.92
29-Aug-99	0.00	287.07	18.87	10.61
30-Aug-99	1.26	240.40	16.22	9.71
31-Aug-99	0.59	544.82	37.73	10.99
1-Sep-99	0.03	506.87	35.99	11.92
2-Sep-99	0.00	456.50	33.22	11.15
3-Sep-99	0.00	365.14	27.22	8.01
4-Sep-99	0.00	154.00	11.75	7.33
5-Sep-99	0.00	258.25	20.16	6.82
6-Sep-99	0.25	227.24	18.14	6.56
7-Sep-99	1.86	366.91	29.93	7.46
8-Sep-99	0.63	856.34	71.37	10.82

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
9-Sep-99	1.69	1123.73	95.64	15.64
10-Sep-99	0.40	1406.30	130.35	21.60
11-Sep-99	0.00	1289.80	129.32	23.91
12-Sep-99	0.00	933.16	100.63	20.11
13-Sep-99	0.02	769.46	88.81	17.13
14-Sep-99	0.27	689.26	84.78	17.17
15-Sep-99	0.00	753.19	98.35	17.99
16-Sep-99	0.00	433.02	59.82	15.90
17-Sep-99	0.22	372.90	54.34	29.51
18-Sep-99	1.83	858.10	131.55	39.10
19-Sep-99	0.29	1467.13	236.03	59.33
20-Sep-99	1.88	1617.78	272.53	73.03
21-Sep-99	0.30	2478.91	436.38	101.71
22-Sep-99	0.00	2136.53	392.29	95.61
23-Sep-99	0.00	1985.64	379.63	84.89
24-Sep-99	0.02	1724.72	324.13	73.42
25-Sep-99	0.03	1583.49	292.42	69.39
26-Sep-99	0.18	1469.48	266.58	69.56
27-Sep-99	0.03	1935.59	344.83	78.30
28-Sep-99	0.00	1608.12	281.24	72.99
29-Sep-99	0.10	1329.89	228.25	67.42
30-Sep-99	0.00	1231.14	207.29	63.97
1-Oct-99	0.00	1148.79	189.68	76.25
2-Oct-99	0.00	840.54	136.04	70.61
3-Oct-99	0.03	835.48	132.50	65.01
4-Oct-99	1.85	919.66	142.85	68.40
5-Oct-99	0.01	1443.23	219.47	92.46
6-Oct-99	0.02	1369.90	203.86	85.44
7-Oct-99	0.20	1108.72	161.38	79.11
8-Oct-99	1.60	1264.32	191.34	41.93
9-Oct-99	0.03	1218.43	191.45	43.60
10-Oct-99	0.00	1184.37	192.95	42.07
11-Oct-99	0.00	1037.16	174.97	39.05
12-Oct-99	0.02	916.58	159.93	36.66
13-Oct-99	0.09	789.38	142.31	34.47
14-Oct-99	0.63	938.90	174.70	37.95
15-Oct-99	2.99	1625.99	311.95	65.49
16-Oct-99	0.03	2319.93	458.51	85.02
17-Oct-99	0.00	2029.07	412.77	77.06
18-Oct-99	0.00	1841.20	385.21	69.02
19-Oct-99	0.00	1476.77	317.51	61.90

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
20-Oct-99	0.48	1329.58	293.56	56.78
21-Oct-99	0.01	1509.32	319.22	39.54
22-Oct-99	0.00	1217.22	246.13	37.11
23-Oct-99	0.00	1135.60	219.08	34.50
24-Oct-99	0.00	761.65	139.86	32.01
25-Oct-99	0.00	751.30	130.98	30.10
26-Oct-99	0.00	590.88	97.52	28.54
27-Oct-99	0.00	691.34	107.67	26.05
28-Oct-99	0.00	504.63	73.91	24.49
29-Oct-99	0.00	378.92	51.97	21.26
30-Oct-99	0.00	351.41	44.94	20.66
31-Oct-99	0.00	324.89	38.53	20.25
1-Nov-99	0.18	295.02	32.24	20.35
2-Nov-99	0.57	457.29	45.73	22.54
3-Nov-99	0.00	475.12	43.09	21.81
4-Nov-99	0.00	360.63	29.36	20.13
5-Nov-99	0.00	255.79	20.37	13.02
6-Nov-99	0.00	422.48	32.91	12.59
7-Nov-99	0.00	203.44	15.49	12.22
8-Nov-99	0.00	181.82	13.52	11.84
9-Nov-99	0.00	299.80	21.77	11.31
10-Nov-99	0.00	145.31	10.29	10.51
11-Nov-99	0.00	247.56	17.10	10.17
12-Nov-99	0.00	228.77	15.40	9.60
13-Nov-99	0.00	206.10	13.51	8.91
14-Nov-99	0.00	72.36	4.62	8.33
15-Nov-99	0.00	176.23	10.93	7.85
16-Nov-99	0.00	118.29	7.13	7.35
17-Nov-99	0.00	119.50	6.99	7.02
18-Nov-99	0.00	164.69	9.34	6.16
19-Nov-99	0.00	0.89	0.05	6.15
20-Nov-99	0.01	113.61	6.43	6.25
21-Nov-99	0.00	159.61	9.02	6.12
22-Nov-99	0.00	3.25	0.18	5.86
23-Nov-99	0.00	206.62	11.65	5.41
24-Nov-99	0.05	36.75	2.07	5.20
25-Nov-99	0.15	38.20	2.15	7.31
26-Nov-99	0.00	254.08	14.26	7.57
27-Nov-99	0.00	0.16	0.01	6.80
28-Nov-99	0.00	117.90	6.60	6.52
29-Nov-99	0.00	115.64	6.46	6.40

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
30-Nov-99	0.00	0.34	0.02	6.08
1-Dec-99	0.00	10.95	0.61	5.86
2-Dec-99	0.00	177.22	9.87	4.06
3-Dec-99	0.00	0.00	0.00	4.06
4-Dec-99	0.00	0.00	0.00	4.02
5-Dec-99	0.00	4.11	0.23	4.00
6-Dec-99	0.00	17.36	0.96	3.95
7-Dec-99	0.00	18.45	1.02	3.84
8-Dec-99	0.00	16.34	0.90	3.84
9-Dec-99	0.00	17.87	0.99	3.84
10-Dec-99	0.00	18.35	1.01	5.70
11-Dec-99	0.01	19.74	1.09	5.74
12-Dec-99	0.00	88.78	4.88	5.70
13-Dec-99	0.00	108.61	5.96	5.53
14-Dec-99	0.05	0.00	0.00	5.70
15-Dec-99	0.00	0.02	0.00	5.60
16-Dec-99	0.00	1.84	0.10	5.02
17-Dec-99	0.05	2.56	0.14	3.62
18-Dec-99	0.00	6.70	0.37	3.71
19-Dec-99	0.00	13.51	0.73	3.44
20-Dec-99	0.00	19.81	1.08	3.30
21-Dec-99	0.01	10.10	0.55	3.30
22-Dec-99	0.00	0.28	0.02	3.30
23-Dec-99	0.04	0.00	0.00	3.38
24-Dec-99	0.00	0.00	0.00	3.23
25-Dec-99	0.00	0.00	0.00	3.00
26-Dec-99	0.00	0.00	0.00	2.75
27-Dec-99	0.00	0.00	0.00	2.73
28-Dec-99	0.18	3.21	0.17	3.06
29-Dec-99	0.00	0.00	0.00	3.06
30-Dec-99	0.00	0.00	0.00	2.31
31-Dec-99	0.00	0.00	0.00	2.16
1-Jan-00	0.00	0.00	0.00	2.07
2-Jan-00	0.00	0.00	0.00	2.05
3-Jan-00	0.00	0.00	0.00	2.03
4-Jan-00	0.00	0.00	0.00	2.03
5-Jan-00	0.00	0.00	0.00	2.00
6-Jan-00	0.00	0.00	0.00	1.93
7-Jan-00	0.00	0.00	0.00	2.23
8-Jan-00	0.00	0.00	0.00	2.30
9-Jan-00	0.00	0.00	0.00	2.37

Daily Date	Feeder Canal Basin	S-190		WWEIR
	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
10-Jan-00	0.00	0.00	0.00	2.28
11-Jan-00	0.00	0.00	0.00	2.19
12-Jan-00	0.00	0.00	0.00	2.10
13-Jan-00	0.00	0.00	0.00	2.04
14-Jan-00	0.00	0.00	0.00	1.88
15-Jan-00	0.00	0.00	0.00	1.56
16-Jan-00	0.00	0.00	0.00	1.52
17-Jan-00	0.00	0.00	0.00	1.53
18-Jan-00	0.00	0.00	0.00	1.40
19-Jan-00	0.00	0.00	0.00	1.37
20-Jan-00	0.00	0.00	0.00	1.36
21-Jan-00	0.00	0.00	0.00	1.09
22-Jan-00	0.00	0.00	0.00	0.95
23-Jan-00	0.00	0.00	0.00	0.88
24-Jan-00	0.57	0.00	0.00	1.68
25-Jan-00	0.00	0.00	0.00	1.74
26-Jan-00	0.00	0.00	0.00	1.39
27-Jan-00	0.00	0.00	0.00	0.91
28-Jan-00	0.00	0.00	0.00	0.84
29-Jan-00	0.00	0.00	0.00	0.81
30-Jan-00	0.00	0.00	0.00	0.79
31-Jan-00	0.00	0.00	0.00	0.80
1-Feb-00	0.00	0.00	0.00	0.77
2-Feb-00	0.01	0.00	0.00	0.75
3-Feb-00	0.00	0.00	0.00	0.85
4-Feb-00	0.00	0.00	0.00	0.85
5-Feb-00	0.00	0.00	0.00	0.64
6-Feb-00	0.00	0.00	0.00	0.43
7-Feb-00	0.01	0.00	0.00	0.39
8-Feb-00	0.72	0.00	0.00	0.53
9-Feb-00	0.02	0.16	0.01	1.14
10-Feb-00	0.00	0.00	0.00	0.86
11-Feb-00	0.00	0.00	0.00	0.75
12-Feb-00	0.00	0.00	0.00	0.68
13-Feb-00	0.00	0.00	0.00	0.64
14-Feb-00	0.00	0.00	0.00	0.58
15-Feb-00	0.00	0.00	0.00	0.51
16-Feb-00	0.00	0.00	0.00	0.34
17-Feb-00	0.00	0.00	0.00	0.18
18-Feb-00	0.00	0.00	0.00	0.07
19-Feb-00	0.06	0.00	0.00	0.01

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
20-Feb-00	0.22	0.00	0.00	0.00
21-Feb-00	0.01	0.00	0.00	0.00
22-Feb-00	0.00	0.00	0.00	0.00
23-Feb-00	0.00	0.00	0.00	0.00
24-Feb-00	0.00	0.00	0.00	0.00
25-Feb-00	0.02	0.00	0.00	0.00
26-Feb-00	0.00	0.00	0.00	0.00
27-Feb-00	0.00	0.00	0.00	0.00
28-Feb-00	0.00	0.00	0.00	0.00
29-Feb-00	0.00	0.00	0.00	0.00
1-Mar-00	0.00	0.00	0.00	0.00
2-Mar-00	0.00	0.00	0.00	0.00
3-Mar-00	0.00	0.00	0.00	0.00
4-Mar-00	0.00	0.00	0.00	0.00
5-Mar-00	0.01	0.00	0.00	0.00
6-Mar-00	0.00	0.00	0.00	0.00
7-Mar-00	0.00	0.00	0.00	0.00
8-Mar-00	0.00	0.00	0.00	0.00
9-Mar-00	0.00	0.00	0.00	0.00
10-Mar-00	0.00	0.00	0.00	0.00
11-Mar-00	0.04	0.00	0.00	0.00
12-Mar-00	0.01	0.00	0.00	0.00
13-Mar-00	0.00	0.00	0.00	0.00
14-Mar-00	0.00	0.00	0.00	0.00
15-Mar-00	0.00	0.00	0.00	0.00
16-Mar-00	0.01	0.00	0.00	0.00
17-Mar-00	0.04	0.00	0.00	0.00
18-Mar-00	0.13	0.00	0.00	0.00
19-Mar-00	0.20	0.00	0.00	0.00
20-Mar-00	0.00	0.00	0.00	0.00
21-Mar-00	0.00	0.00	0.00	0.00
22-Mar-00	0.00	0.00	0.00	0.00
23-Mar-00	0.00	0.00	0.00	0.00
24-Mar-00	0.01	0.00	0.00	0.00
25-Mar-00	0.00	0.00	0.00	0.00
26-Mar-00	0.00	0.00	0.00	0.00
27-Mar-00	0.43	0.00	0.00	0.00
28-Mar-00	0.42	1.69	0.08	0.00
29-Mar-00	0.51	0.00	0.00	0.00
30-Mar-00	0.00	0.00	0.00	0.00
31-Mar-00	0.00	0.00	0.00	0.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
1-Apr-00	0.00	0.00	0.00	0.00
2-Apr-00	0.00	0.00	0.00	0.00
3-Apr-00	0.00	0.00	0.00	0.00
4-Apr-00	0.03	0.00	0.00	0.00
5-Apr-00	0.00	0.00	0.00	0.00
6-Apr-00	0.00	0.00	0.00	0.00
7-Apr-00	0.00	0.00	0.00	0.00
8-Apr-00	0.04	0.00	0.00	0.00
9-Apr-00	0.00	0.00	0.00	0.00
10-Apr-00	0.00	0.00	0.00	0.00
11-Apr-00	0.00	0.34	0.02	0.00
12-Apr-00	0.15	0.00	0.00	0.00
13-Apr-00	1.02	0.00	0.00	0.00
14-Apr-00	3.01	0.00	0.00	0.00
15-Apr-00	0.69	0.00	0.00	0.55
16-Apr-00	0.45	0.00	0.00	1.73
17-Apr-00	0.01	0.00	0.00	1.32
18-Apr-00	0.00	0.00	0.00	0.97
19-Apr-00	0.00	0.00	0.00	0.73
20-Apr-00	0.00	0.00	0.00	0.57
21-Apr-00	0.00	0.00	0.00	0.38
22-Apr-00	0.00	0.00	0.00	0.21
23-Apr-00	0.00	0.00	0.00	0.04
24-Apr-00	0.00	0.00	0.00	0.00
25-Apr-00	0.00	0.00	0.00	0.00
26-Apr-00	0.00	0.00	0.00	0.00
27-Apr-00	0.00	0.00	0.00	0.00
28-Apr-00	0.00	0.00	0.00	0.00
29-Apr-00	0.00	0.00	0.00	0.00
30-Apr-00	0.00	0.00	0.00	0.00
1-May-00	0.00	0.00	0.00	0.00
2-May-00	0.00	0.00	0.00	0.00
3-May-00	0.00	0.00	0.00	0.00
4-May-00	0.00	0.00	0.00	0.00
5-May-00	0.00	0.00	0.00	0.00
6-May-00	0.00	0.00	0.00	0.00
7-May-00	0.00	0.00	0.00	0.00
8-May-00	0.03	0.00	0.00	0.00
9-May-00	0.00	0.00	0.00	0.00
10-May-00	0.36	0.00	0.00	0.00
11-May-00	0.00	0.00	0.00	0.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
12-May-00	0.00	0.00	0.00	0.00
13-May-00	0.00	0.00	0.00	0.00
14-May-00	0.02	0.00	0.00	0.00
15-May-00	0.09	2.58	0.11	0.00
16-May-00	0.00	0.00	0.00	0.00
17-May-00	0.00	0.00	0.00	0.00
18-May-00	0.00	0.00	0.00	0.00
19-May-00	0.00	0.00	0.00	0.00
20-May-00	0.00	0.00	0.00	0.00
21-May-00	0.00	0.00	0.00	0.00
22-May-00	0.01	0.00	0.00	0.00
23-May-00	0.02	0.00	0.00	0.00
24-May-00	0.00	0.00	0.00	0.00
25-May-00	0.00	0.00	0.00	0.00
26-May-00	0.61	0.00	0.00	0.00
27-May-00	0.00	0.00	0.00	0.00
28-May-00	0.13	0.00	0.00	0.00
29-May-00	0.00	0.00	0.00	0.00
30-May-00	0.28	0.00	0.00	0.00
31-May-00	0.00	0.00	0.00	0.00
1-Jun-00	0.00	0.00	0.00	0.00
2-Jun-00	0.00	0.00	0.00	0.00
3-Jun-00	0.01	0.00	0.00	0.00
4-Jun-00	0.02	0.00	0.00	0.00
5-Jun-00	0.03	0.00	0.00	0.00
6-Jun-00	0.01	0.00	0.00	0.00
7-Jun-00	0.61	0.00	0.00	0.00
8-Jun-00	0.56	0.00	0.00	0.00
9-Jun-00	0.16	0.00	0.00	0.00
10-Jun-00	0.00	0.00	0.00	0.00
11-Jun-00	1.00	0.00	0.00	0.00
12-Jun-00	0.75	0.00	0.00	0.00
13-Jun-00	0.00	0.00	0.00	0.00
14-Jun-00	0.00	0.00	0.00	0.00
15-Jun-00	0.00	0.00	0.00	0.00
16-Jun-00	0.03	0.00	0.00	0.00
17-Jun-00	0.00	0.00	0.00	0.00
18-Jun-00	1.87	0.00	0.00	0.00
19-Jun-00	0.00	0.00	0.00	0.00
20-Jun-00	0.38	0.00	0.00	0.00
21-Jun-00	0.01	0.00	0.00	0.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
22-Jun-00	0.68	0.00	0.00	0.25
23-Jun-00	0.01	0.00	0.00	1.02
24-Jun-00	0.92	0.00	0.00	0.85
25-Jun-00	0.03	0.00	0.00	1.21
26-Jun-00	0.28	0.00	0.00	1.17
27-Jun-00	0.02	0.00	0.00	1.16
28-Jun-00	0.17	0.00	0.00	1.20
29-Jun-00	0.02	0.00	0.00	1.18
30-Jun-00	0.00	0.00	0.00	0.69
1-Jul-00	0.42	0.00	0.00	0.64
2-Jul-00	0.12	0.00	0.00	0.67
3-Jul-00	0.01	0.00	0.00	0.53
4-Jul-00	0.00	0.00	0.00	0.44
5-Jul-00	0.00	0.00	0.00	0.35
6-Jul-00	0.00	0.00	0.00	0.20
7-Jul-00	0.05	0.00	0.00	0.10
8-Jul-00	0.00	0.00	0.00	0.03
9-Jul-00	0.16	0.00	0.00	0.00
10-Jul-00	0.00	0.00	0.00	0.00
11-Jul-00	0.20	0.00	0.00	0.00
12-Jul-00	0.06	0.00	0.00	0.00
13-Jul-00	0.06	0.00	0.00	0.00
14-Jul-00	0.00	0.00	0.00	0.00
15-Jul-00	0.36	0.00	0.00	0.00
16-Jul-00	0.75	0.00	0.00	0.00
17-Jul-00	0.02	0.00	0.00	0.06
18-Jul-00	0.00	0.00	0.00	0.14
19-Jul-00	0.00	0.00	0.00	0.15
20-Jul-00	0.01	0.00	0.00	0.01
21-Jul-00	0.02	0.00	0.00	0.00
22-Jul-00	0.15	0.00	0.00	0.00
23-Jul-00	0.11	0.00	0.00	0.00
24-Jul-00	0.73	0.00	0.00	0.40
25-Jul-00	0.05	0.00	0.00	1.54
26-Jul-00	0.70	0.00	0.00	1.81
27-Jul-00	0.01	0.00	0.00	2.34
28-Jul-00	0.00	0.00	0.00	1.70
29-Jul-00	0.97	0.00	0.00	1.26
30-Jul-00	0.81	80.49	2.38	1.10
31-Jul-00	0.01	283.60	8.40	1.07
1-Aug-00	0.67	10.93	0.32	1.03

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
2-Aug-00	0.52	243.97	7.22	1.00
3-Aug-00	0.00	2.30	0.09	0.80
4-Aug-00	0.09	205.07	7.84	0.74
5-Aug-00	0.03	13.86	0.53	0.68
6-Aug-00	0.12	0.18	0.01	0.62
7-Aug-00	0.00	7.78	0.30	0.51
8-Aug-00	0.00	12.24	0.47	0.32
9-Aug-00	0.00	8.53	0.33	0.12
10-Aug-00	0.00	3.45	0.13	0.00
11-Aug-00	0.00	0.95	0.03	0.00
12-Aug-00	0.00	0.00	0.00	0.00
13-Aug-00	0.32	0.04	0.00	0.00
14-Aug-00	0.01	0.00	0.00	0.00
15-Aug-00	0.35	0.02	0.00	0.00
16-Aug-00	0.01	0.02	0.00	0.00
17-Aug-00	0.00	0.00	0.00	0.00
18-Aug-00	0.00	0.00	0.00	0.00
19-Aug-00	0.00	0.00	0.00	0.00
20-Aug-00	0.00	0.00	0.00	0.00
21-Aug-00	0.00	0.00	0.00	0.00
22-Aug-00	0.00	0.00	0.00	0.00
23-Aug-00	0.00	0.00	0.00	0.00
24-Aug-00	0.21	0.00	0.00	0.00
25-Aug-00	0.26	0.00	0.00	0.00
26-Aug-00	0.54	0.00	0.00	0.00
27-Aug-00	0.16	0.00	0.00	0.21
28-Aug-00	0.03	0.00	0.00	0.22
29-Aug-00	0.61	0.00	0.00	0.54
30-Aug-00	0.89	38.10	1.27	1.72
31-Aug-00	0.48	287.52	9.58	2.21
1-Sep-00	0.00	40.07	1.93	2.03
2-Sep-00	0.00	5.57	0.27	1.50
3-Sep-00	0.10	20.33	0.98	1.22
4-Sep-00	1.07	192.73	9.27	1.08
5-Sep-00	1.26	174.11	8.38	1.72
6-Sep-00	0.37	187.24	9.01	2.17
7-Sep-00	0.07	173.83	8.36	1.74
8-Sep-00	0.06	47.74	2.06	1.14
9-Sep-00	0.00	181.84	7.85	0.97
10-Sep-00	0.13	0.10	0.00	1.03
11-Sep-00	0.00	10.77	0.46	0.98

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
12-Sep-00	0.00	192.75	8.32	0.86
13-Sep-00	0.00	4.82	0.21	0.75
14-Sep-00	0.04	0.00	0.00	0.66
15-Sep-00	0.04	0.00	0.00	0.68
16-Sep-00	0.23	1.37	0.04	0.70
17-Sep-00	1.56	190.57	6.11	1.69
18-Sep-00	0.07	285.20	9.15	2.61
19-Sep-00	0.19	278.60	8.93	2.39
20-Sep-00	0.00	250.00	8.02	2.25
21-Sep-00	0.11	5.89	0.20	2.12
22-Sep-00	0.01	280.70	9.69	2.15
23-Sep-00	0.00	4.70	0.16	1.86
24-Sep-00	0.00	248.69	8.59	1.61
25-Sep-00	0.06	29.00	1.00	1.45
26-Sep-00	0.15	54.47	1.88	1.39
27-Sep-00	0.60	270.43	9.34	1.50
28-Sep-00	0.00	1.92	0.07	2.00
29-Sep-00	0.23	218.20	6.73	3.28
30-Sep-00	0.01	274.39	8.46	3.80
1-Oct-00	0.00	40.38	1.25	3.15
2-Oct-00	0.62	149.02	4.60	3.32
3-Oct-00	1.29	274.27	8.46	4.53
4-Oct-00	10.50	3342.88	103.08	33.50
5-Oct-00	0.12	3841.84	947.77	126.55
6-Oct-00	0.09	3684.30	908.90	116.16
7-Oct-00	0.00	3418.55	843.34	100.77
8-Oct-00	0.00	2978.64	734.82	84.97
9-Oct-00	0.00	2513.28	620.02	68.23
10-Oct-00	0.00	1967.68	485.42	54.06
11-Oct-00	0.00	1934.40	477.21	45.68
12-Oct-00	0.00	1580.41	389.88	38.93
13-Oct-00	0.00	965.49	297.73	27.51
14-Oct-00	0.00	894.55	275.85	24.37
15-Oct-00	0.00	890.64	274.65	21.54
16-Oct-00	0.00	472.84	145.81	19.22
17-Oct-00	0.00	427.10	131.71	17.12
18-Oct-00	0.00	384.46	118.55	15.56
19-Oct-00	0.00	337.13	103.96	14.39
20-Oct-00	0.00	285.76	55.69	14.39
21-Oct-00	0.02	95.62	18.64	13.02
22-Oct-00	0.00	189.84	37.00	12.22

Daily Date	Feeder Canal Basin	S-190		WWEIR
	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
23-Oct-00	0.05	278.56	54.29	12.43
24-Oct-00	0.14	117.64	22.93	13.32
25-Oct-00	0.01	160.64	31.31	12.85
26-Oct-00	0.00	226.14	29.01	8.30
27-Oct-00	0.00	4.09	0.52	7.71
28-Oct-00	0.00	245.34	31.47	7.30
29-Oct-00	0.01	72.10	9.25	6.73
30-Oct-00	0.00	9.88	1.27	6.40
31-Oct-00	0.00	211.81	27.17	6.26
1-Nov-00	0.00	0.00	0.00	5.82
2-Nov-00	0.00	0.32	0.03	3.11
3-Nov-00	0.00	16.13	1.43	3.04
4-Nov-00	0.00	215.52	19.14	2.89
5-Nov-00	0.00	0.00	0.00	2.82
6-Nov-00	0.00	0.24	0.02	2.84
7-Nov-00	0.00	9.40	0.83	2.76
8-Nov-00	0.00	99.69	8.85	2.62
9-Nov-00	0.00	115.83	10.29	2.43
10-Nov-00	0.00	0.00	0.00	2.05
11-Nov-00	0.00	0.00	0.00	2.02
12-Nov-00	0.00	0.00	0.00	1.87
13-Nov-00	0.00	0.24	0.02	1.89
14-Nov-00	0.00	0.12	0.01	1.94
15-Nov-00	0.00	0.00	0.00	2.19
16-Nov-00	0.00	0.00	0.00	2.30
17-Nov-00	0.00	0.00	0.00	1.98
18-Nov-00	0.00	0.00	0.00	1.91
19-Nov-00	0.00	0.00	0.00	1.86
20-Nov-00	0.00	0.00	0.00	1.90
21-Nov-00	0.00	0.00	0.00	1.80
22-Nov-00	0.00	0.00	0.00	1.35
23-Nov-00	0.00	0.00	0.00	1.09
24-Nov-00	0.00	0.00	0.00	0.99
25-Nov-00	0.00	0.00	0.00	1.01
26-Nov-00	0.00	0.00	0.00	1.03
27-Nov-00	0.00	0.00	0.00	0.93
28-Nov-00	0.00	0.00	0.00	0.75
29-Nov-00	0.00	0.00	0.00	0.66
30-Nov-00	0.00	0.00	0.00	0.48
1-Dec-00	0.00	0.00	0.00	0.37
2-Dec-00	0.00	0.00	0.00	0.33

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
3-Dec-00	0.00	0.00	0.00	0.30
4-Dec-00	0.00	0.00	0.00	0.23
5-Dec-00	0.00	0.00	0.00	0.17
6-Dec-00	0.23	0.00	0.00	0.12
7-Dec-00	0.01	0.00	0.00	0.32
8-Dec-00	0.00	0.00	0.00	0.32
9-Dec-00	0.00	0.00	0.00	0.24
10-Dec-00	0.04	0.00	0.00	0.28
11-Dec-00	0.05	0.00	0.00	0.42
12-Dec-00	0.02	0.00	0.00	0.41
13-Dec-00	0.00	0.00	0.00	0.43
14-Dec-00	0.00	0.00	0.00	0.36
15-Dec-00	0.00	0.00	0.00	0.31
16-Dec-00	0.00	0.00	0.00	0.20
17-Dec-00	0.00	0.00	0.00	0.10
18-Dec-00	0.00	0.00	0.00	0.01
19-Dec-00	0.00	0.00	0.00	0.00
20-Dec-00	0.00	0.00	0.00	0.00
21-Dec-00	0.00	0.00	0.00	0.00
22-Dec-00	0.00	0.00	0.00	0.00
23-Dec-00	0.00	0.00	0.00	0.00
24-Dec-00	0.00	0.00	0.00	0.00
25-Dec-00	0.00	0.00	0.00	0.00
26-Dec-00	0.00	0.00	0.00	0.00
27-Dec-00	0.00	0.00	0.00	0.00
28-Dec-00	0.28	0.00	0.00	0.00
29-Dec-00	0.01	0.00	0.00	0.00
30-Dec-00	0.00	0.00	0.00	0.00
31-Dec-00	0.00	0.00	0.00	0.00
1-Jan-01	0.00	0.00	0.00	0.00
2-Jan-01	0.00	0.00	0.00	0.00
3-Jan-01	0.00	0.00	0.00	0.00
4-Jan-01	0.02	0.00	0.00	0.00
5-Jan-01	0.00	0.00	0.00	0.00
6-Jan-01	0.00	0.00	0.00	0.00
7-Jan-01	0.00	0.00	0.00	0.00
8-Jan-01	0.00	0.00	0.00	0.00
9-Jan-01	0.32	0.00	0.00	0.00
10-Jan-01	0.00	0.00	0.00	0.00
11-Jan-01	0.00	0.00	0.00	0.00
12-Jan-01	0.00	0.00	0.00	0.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
13-Jan-01	0.00	0.00	0.00	0.00
14-Jan-01	0.00	0.00	0.00	0.00
15-Jan-01	0.00	0.00	0.00	0.00
16-Jan-01	0.00	0.00	0.00	0.00
17-Jan-01	0.00	0.00	0.00	0.00
18-Jan-01	0.00	0.00	0.00	0.00
19-Jan-01	0.00	0.00	0.00	0.00
20-Jan-01	0.24	0.00	0.00	0.00
21-Jan-01	0.00	0.00	0.00	0.00
22-Jan-01	0.25	0.00	0.00	0.00
23-Jan-01	0.01	0.00	0.00	0.00
24-Jan-01	0.00	0.00	0.00	0.00
25-Jan-01	0.00	0.00	0.00	0.00
26-Jan-01	0.00	0.00	0.00	0.00
27-Jan-01	0.00	0.00	0.00	0.00
28-Jan-01	0.00	0.00	0.00	0.00
29-Jan-01	0.00	0.00	0.00	0.00
30-Jan-01	0.00	0.00	0.00	0.00
31-Jan-01	0.00	0.00	0.00	0.00
1-Feb-01	0.00	0.00	0.00	0.00
2-Feb-01	0.00	0.00	0.00	0.00
3-Feb-01	0.00	0.00	0.00	0.00
4-Feb-01	0.00	0.00	0.00	0.00
5-Feb-01	0.00	0.00	0.00	0.00
6-Feb-01	0.00	0.00	0.00	0.00
7-Feb-01	0.00	0.00	0.00	0.00
8-Feb-01	0.00	0.00	0.00	0.00
9-Feb-01	0.00	0.00	0.00	0.00
10-Feb-01	0.00	0.00	0.00	0.00
11-Feb-01	0.03	0.00	0.00	0.00
12-Feb-01	0.00	0.00	0.00	0.00
13-Feb-01	0.00	0.00	0.00	0.00
14-Feb-01	0.00	0.00	0.00	0.00
15-Feb-01	0.00	0.00	0.00	0.00
16-Feb-01	0.00	0.00	0.00	0.00
17-Feb-01	0.00	0.00	0.00	0.00
18-Feb-01	0.00	0.00	0.00	0.00
19-Feb-01	0.00	0.00	0.00	0.00
20-Feb-01	0.00	0.00	0.00	0.00
21-Feb-01	0.00	0.00	0.00	0.00
22-Feb-01	0.00	0.00	0.00	0.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
23-Feb-01	0.00	0.00	0.00	0.00
24-Feb-01	0.00	0.00	0.00	0.00
25-Feb-01	0.00	0.00	0.00	0.00
26-Feb-01	0.00	0.00	0.00	0.00
27-Feb-01	0.00	0.00	0.00	0.00
28-Feb-01	0.00	0.00	0.00	0.00
1-Mar-01	0.00	0.00	0.00	0.00
2-Mar-01	0.00	0.00	0.00	0.00
3-Mar-01	0.00	0.00	0.00	0.00
4-Mar-01	0.86	0.00	0.00	0.00
5-Mar-01	0.01	0.00	0.00	0.00
6-Mar-01	0.00	0.00	0.00	0.00
7-Mar-01	0.00	0.00	0.00	0.00
8-Mar-01	0.00	0.00	0.00	0.00
9-Mar-01	0.00	0.00	0.00	0.00
10-Mar-01	0.00	0.00	0.00	0.00
11-Mar-01	0.00	0.00	0.00	0.00
12-Mar-01	0.00	0.00	0.00	0.00
13-Mar-01	0.00	0.00	0.00	0.00
14-Mar-01	0.00	0.83	0.06	0.00
15-Mar-01	0.00	0.00	0.00	0.00
16-Mar-01	0.00	0.00	0.00	0.00
17-Mar-01	0.02	0.00	0.00	0.00
18-Mar-01	0.32	0.00	0.00	0.00
19-Mar-01	1.91	0.00	0.00	0.00
20-Mar-01	0.01	0.00	0.00	0.00
21-Mar-01	0.00	0.00	0.00	0.00
22-Mar-01	0.00	0.00	0.00	0.00
23-Mar-01	0.00	0.00	0.00	0.00
24-Mar-01	0.00	0.00	0.00	0.00
25-Mar-01	0.00	0.00	0.00	0.00
26-Mar-01	0.00	0.00	0.00	0.00
27-Mar-01	0.00	0.00	0.00	0.00
28-Mar-01	0.00	0.00	0.00	0.00
29-Mar-01	1.00	0.00	0.00	0.00
30-Mar-01	0.03	0.00	0.00	0.00
31-Mar-01	0.01	0.00	0.00	0.00
1-Apr-01	0.19	0.00	0.00	0.00
2-Apr-01	0.00	0.00	0.00	0.00
3-Apr-01	0.00	0.00	0.00	0.00
4-Apr-01	0.00	0.00	0.00	0.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
5-Apr-01	0.07	0.00	0.00	0.00
6-Apr-01	0.00	0.00	0.00	0.00
7-Apr-01	0.00	0.00	0.00	0.00
8-Apr-01	0.00	0.00	0.00	0.00
9-Apr-01	0.00	3.35	0.12	0.00
10-Apr-01	0.00	0.00	0.00	0.00
11-Apr-01	0.00	0.00	0.00	0.00
12-Apr-01	0.00	0.00	0.00	0.00
13-Apr-01	0.00	0.00	0.00	0.00
14-Apr-01	0.00	0.00	0.00	0.00
15-Apr-01	0.00	0.00	0.00	0.00
16-Apr-01	0.00	0.00	0.00	0.00
17-Apr-01	0.00	0.00	0.00	0.00
18-Apr-01	0.00	0.00	0.00	0.00
19-Apr-01	0.00	0.00	0.00	0.00
20-Apr-01	0.00	0.00	0.00	0.00
21-Apr-01	0.00	0.00	0.00	0.00
22-Apr-01	0.00	0.00	0.00	0.00
23-Apr-01	0.00	0.00	0.00	0.00
24-Apr-01	0.00	0.00	0.00	0.00
25-Apr-01	0.00	0.00	0.00	0.00
26-Apr-01	0.00	0.00	0.00	0.00
27-Apr-01	0.00	0.00	0.00	0.00
28-Apr-01	0.00	0.00	0.00	0.00
29-Apr-01	0.00	0.00	0.00	0.00
30-Apr-01	0.05	0.00	0.00	0.00
1-May-01	0.00	0.00	0.00	0.00
2-May-01	0.00	0.00	0.00	0.00
3-May-01	0.93	0.00	0.00	0.00
4-May-01	0.02	0.00	0.00	0.00
5-May-01	0.00	0.00	0.00	0.00
6-May-01	0.00	0.00	0.00	0.00
7-May-01	0.01	0.00	0.00	0.00
8-May-01	0.01	0.00	0.00	0.00
9-May-01	0.00	0.00	0.00	0.00
10-May-01	0.01	0.00	0.00	0.00
11-May-01	0.00	0.00	0.00	0.00
12-May-01	0.00	0.00	0.00	0.00
13-May-01	0.00	0.00	0.00	0.00
14-May-01	0.00	0.00	0.00	0.00
15-May-01	0.32	0.00	0.00	0.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
16-May-01	0.00	0.00	0.00	0.00
17-May-01	0.00	0.00	0.00	0.00
18-May-01	0.00	0.00	0.00	0.00
19-May-01	0.00	0.00	0.00	0.00
20-May-01	0.00	0.00	0.00	0.00
21-May-01	0.00	0.00	0.00	0.00
22-May-01	0.16	0.00	0.00	0.00
23-May-01	3.22	0.00	0.00	0.00
24-May-01	0.01	0.00	0.00	0.00
25-May-01	0.00	0.00	0.00	0.00
26-May-01	0.00	0.00	0.00	0.00
27-May-01	0.46	0.00	0.00	0.00
28-May-01	0.00	0.00	0.00	0.00
29-May-01	0.04	0.00	0.00	0.00
30-May-01	0.00	0.34	0.02	0.00
31-May-01	0.23	0.00	0.00	0.00
1-Jun-01	0.53	0.00	0.00	0.00
2-Jun-01	0.12	0.00	0.00	0.00
3-Jun-01	0.41	0.00	0.00	0.12
4-Jun-01	0.05	0.00	0.00	1.04
5-Jun-01	1.02	0.00	0.00	1.91
6-Jun-01	0.40	0.00	0.00	3.13
7-Jun-01	0.74	0.00	0.00	5.39
8-Jun-01	0.07	0.00	0.00	4.50
9-Jun-01	0.07	0.00	0.00	3.39
10-Jun-01	0.01	0.00	0.00	2.58
11-Jun-01	0.00	0.00	0.00	1.91
12-Jun-01	0.00	0.00	0.00	1.55
13-Jun-01	0.56	1.82	0.13	2.08
14-Jun-01	0.39	199.64	13.79	3.16
15-Jun-01	0.00	0.00	0.00	1.70
16-Jun-01	0.00	0.00	0.00	1.27
17-Jun-01	0.00	0.00	0.00	1.29
18-Jun-01	0.94	38.94	2.40	1.66
19-Jun-01	0.00	155.70	9.60	2.12
20-Jun-01	0.31	59.86	2.44	1.57
21-Jun-01	0.08	1.47	0.06	1.48
22-Jun-01	0.04	46.63	1.90	1.47
23-Jun-01	0.71	241.33	9.82	1.92
24-Jun-01	0.00	83.01	3.38	2.25
25-Jun-01	0.23	5.14	0.21	2.23

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
26-Jun-01	0.27	277.71	10.96	2.37
27-Jun-01	0.31	100.24	3.96	2.87
28-Jun-01	0.01	275.13	10.86	2.38
29-Jun-01	0.00	139.56	5.51	1.94
30-Jun-01	0.07	5.24	0.21	1.76
1-Jul-01	0.00	248.11	9.79	1.53
2-Jul-01	0.09	27.13	1.07	1.28
3-Jul-01	0.00	0.40	0.01	1.54
4-Jul-01	0.48	53.97	1.80	2.03
5-Jul-01	0.02	229.51	7.64	2.63
6-Jul-01	0.01	0.00	0.00	2.19
7-Jul-01	0.00	0.69	0.02	1.67
8-Jul-01	0.05	4.82	0.16	1.39
9-Jul-01	1.86	186.86	6.22	1.98
10-Jul-01	0.16	271.48	9.04	3.33
11-Jul-01	0.06	3.75	0.13	3.00
12-Jul-01	0.06	284.49	9.83	2.84
13-Jul-01	0.31	0.10	0.00	2.43
14-Jul-01	0.68	156.18	5.39	2.75
15-Jul-01	0.17	303.87	10.49	5.57
16-Jul-01	0.30	301.57	10.42	5.29
17-Jul-01	0.80	298.43	10.31	4.67
18-Jul-01	0.02	294.19	10.89	5.19
19-Jul-01	0.00	67.22	2.49	4.40
20-Jul-01	0.01	223.58	8.27	3.78
21-Jul-01	0.56	65.45	2.42	3.95
22-Jul-01	0.07	238.59	8.83	5.77
23-Jul-01	1.37	670.18	24.80	11.81
24-Jul-01	0.01	804.22	29.76	19.89
25-Jul-01	0.13	566.86	41.95	44.53
26-Jul-01	0.02	817.39	60.49	37.73
27-Jul-01	0.14	887.33	65.67	31.17
28-Jul-01	0.31	506.00	37.45	27.50
29-Jul-01	0.24	483.89	35.81	26.36
30-Jul-01	0.00	477.08	35.31	24.50
31-Jul-01	0.38	405.14	29.98	20.94
1-Aug-01	0.37	376.66	30.66	17.77
2-Aug-01	0.40	511.14	41.61	20.09
3-Aug-01	0.62	660.32	53.76	27.22
4-Aug-01	0.03	651.45	53.03	29.03
5-Aug-01	0.00	667.44	54.34	24.24

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
6-Aug-01	0.07	276.60	22.52	20.91
7-Aug-01	0.10	532.20	43.33	26.04
8-Aug-01	0.04	207.71	15.37	23.10
9-Aug-01	0.27	315.15	23.32	20.42
10-Aug-01	0.00	350.34	25.93	18.24
11-Aug-01	0.11	316.82	23.45	18.10
12-Aug-01	0.00	174.53	12.92	19.04
13-Aug-01	0.00	304.13	22.51	16.78
14-Aug-01	0.00	291.69	21.59	14.86
15-Aug-01	0.00	49.19	3.64	12.78
16-Aug-01	0.00	255.11	25.17	13.03
17-Aug-01	0.00	127.66	12.60	11.84
18-Aug-01	0.00	5.81	0.57	10.71
19-Aug-01	0.00	288.46	28.46	9.76
20-Aug-01	0.49	35.40	3.49	9.08
21-Aug-01	0.00	42.07	3.89	6.92
22-Aug-01	0.32	262.16	24.25	6.41
23-Aug-01	0.11	0.00	0.00	6.15
24-Aug-01	0.00	2.62	0.24	5.48
25-Aug-01	0.00	9.08	0.84	4.92
26-Aug-01	0.00	9.78	0.90	4.48
27-Aug-01	0.00	6.86	0.63	4.29
28-Aug-01	0.00	2.36	0.22	4.18
29-Aug-01	0.00	1.09	0.07	4.37
30-Aug-01	0.00	0.87	0.06	4.13
31-Aug-01	0.00	0.12	0.01	3.82
1-Sep-01	0.04	0.00	0.00	3.50
2-Sep-01	0.01	0.00	0.00	3.42
3-Sep-01	1.80	1.05	0.07	4.46
4-Sep-01	0.07	181.05	12.28	6.58
5-Sep-01	0.11	103.32	6.37	8.26
6-Sep-01	0.21	231.79	14.30	10.37
7-Sep-01	1.62	213.50	13.17	11.03
8-Sep-01	1.91	514.16	31.71	17.14
9-Sep-01	0.47	816.38	50.35	27.86
10-Sep-01	0.06	1037.65	64.00	28.39
11-Sep-01	0.09	1053.12	64.95	26.10
12-Sep-01	0.16	1321.17	198.82	31.45
13-Sep-01	1.06	1851.63	278.64	39.11
14-Sep-01	1.49	2149.92	323.53	56.92
15-Sep-01	0.08	2137.47	321.66	60.47

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
16-Sep-01	0.00	1880.29	282.96	56.25
17-Sep-01	0.00	1719.87	258.81	51.85
18-Sep-01	0.06	1363.48	205.18	47.61
19-Sep-01	0.02	586.29	92.57	58.76
20-Sep-01	0.00	1705.11	269.21	57.17
21-Sep-01	0.03	991.38	156.52	52.87
22-Sep-01	0.00	795.95	125.67	48.26
23-Sep-01	0.23	900.99	142.25	45.27
24-Sep-01	0.03	297.48	46.97	42.19
25-Sep-01	0.00	710.02	108.60	41.39
26-Sep-01	0.06	516.46	78.99	38.76
27-Sep-01	0.55	441.34	67.50	37.99
28-Sep-01	0.99	753.14	115.19	41.38
29-Sep-01	2.93	2807.50	429.41	82.87
30-Sep-01	0.00	2711.46	414.72	89.95
1-Oct-01	0.00	2331.29	356.58	82.99
2-Oct-01	0.00	1616.57	247.26	75.28
3-Oct-01	0.00	1655.84	253.26	68.30
4-Oct-01	0.00	1277.87	195.45	61.76
5-Oct-01	0.00	978.70	111.06	48.72
6-Oct-01	0.00	822.05	93.29	44.30
7-Oct-01	0.00	653.41	74.15	40.58
8-Oct-01	0.01	635.31	72.09	37.17
9-Oct-01	0.05	638.08	72.41	33.80
10-Oct-01	0.00	558.82	63.42	30.77
11-Oct-01	0.00	357.60	40.58	28.35
12-Oct-01	0.00	480.85	41.52	16.08
13-Oct-01	0.00	376.70	32.53	14.89
14-Oct-01	0.05	298.29	25.76	14.11
15-Oct-01	0.00	446.54	38.56	13.63
16-Oct-01	0.18	250.16	21.60	12.94
17-Oct-01	0.01	248.21	21.43	12.35
18-Oct-01	0.00	340.20	29.37	11.67
19-Oct-01	1.19	356.55	31.67	15.91
20-Oct-01	0.01	508.72	45.18	21.45
21-Oct-01	0.62	528.34	46.92	21.45
22-Oct-01	0.57	786.29	69.83	26.74
23-Oct-01	0.01	1013.69	90.03	32.69
24-Oct-01	0.00	1128.22	100.20	29.44
25-Oct-01	0.30	1063.14	94.42	29.16
26-Oct-01	0.04	1607.78	194.35	69.99

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
27-Oct-01	0.00	1439.58	174.02	67.31
28-Oct-01	0.00	1381.51	167.00	57.10
29-Oct-01	0.00	967.48	116.95	49.77
30-Oct-01	0.04	1837.31	222.10	45.65
31-Oct-01	0.00	895.22	108.22	43.24
1-Nov-01	0.00	548.35	66.29	40.61
2-Nov-01	0.10	652.11	63.54	26.14
3-Nov-01	0.00	703.08	68.51	25.73
4-Nov-01	0.20	342.57	33.38	24.84
5-Nov-01	0.16	373.96	36.44	25.61
6-Nov-01	0.00	423.89	41.31	24.68
7-Nov-01	0.00	298.18	29.06	22.81
8-Nov-01	0.00	143.46	13.98	21.63
9-Nov-01	0.00	346.63	29.07	15.47
10-Nov-01	0.00	108.75	9.12	14.81
11-Nov-01	0.00	280.17	23.50	14.37
12-Nov-01	0.00	269.41	22.60	13.89
13-Nov-01	0.00	155.05	13.00	13.65
14-Nov-01	0.00	104.69	8.78	13.24
15-Nov-01	0.00	278.74	18.22	11.09
16-Nov-01	0.00	44.11	2.88	10.44
17-Nov-01	0.00	143.46	9.38	9.96
18-Nov-01	0.00	184.76	12.08	9.72
19-Nov-01	0.00	1.77	0.12	9.55
20-Nov-01	0.00	178.41	11.66	9.37
21-Nov-01	0.00	133.69	8.74	9.17
22-Nov-01	0.00	0.56	0.03	9.34
23-Nov-01	0.00	74.88	4.25	9.22
24-Nov-01	0.00	189.20	10.74	9.17
25-Nov-01	0.00	0.00	0.00	9.16
26-Nov-01	0.00	4.66	0.26	9.16
27-Nov-01	0.00	163.36	9.27	10.71
28-Nov-01	0.00	0.00	0.00	10.42
29-Nov-01	0.00	0.06	0.00	10.15
30-Nov-01	0.00	3.43	0.17	9.95
1-Dec-01	0.00	11.13	0.55	9.41
2-Dec-01	0.00	19.24	0.95	8.84
3-Dec-01	0.00	155.48	7.67	8.43
4-Dec-01	0.00	0.00	0.00	8.19
5-Dec-01	0.00	0.00	0.00	7.95
6-Dec-01	0.03	0.00	0.00	7.95

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
7-Dec-01	0.06	0.00	0.00	8.15
8-Dec-01	0.00	0.00	0.00	7.86
9-Dec-01	0.36	0.00	0.00	7.85
10-Dec-01	0.00	0.00	0.00	7.55
11-Dec-01	0.00	0.00	0.00	7.05
12-Dec-01	0.00	0.00	0.00	6.49
13-Dec-01	0.00	0.00	0.00	6.11
14-Dec-01	0.00	0.00	0.00	5.89
15-Dec-01	0.00	0.00	0.00	5.54
16-Dec-01	0.01	0.00	0.00	5.28
17-Dec-01	0.00	0.71	0.04	5.37
18-Dec-01	0.00	2.06	0.10	5.17
19-Dec-01	0.00	10.67	0.55	4.09
20-Dec-01	0.00	18.72	0.97	3.95
21-Dec-01	0.00	17.12	0.89	3.75
22-Dec-01	0.00	7.76	0.40	3.55
23-Dec-01	0.00	3.87	0.20	3.56
24-Dec-01	0.00	1.29	0.07	3.59
25-Dec-01	0.43	0.00	0.00	3.62
26-Dec-01	0.24	1.01	0.05	5.11
27-Dec-01	0.00	7.42	0.38	4.82
28-Dec-01	0.00	15.29	0.66	3.49
29-Dec-01	0.18	137.75	5.95	3.41
30-Dec-01	0.00	63.29	2.73	3.39
31-Dec-01	0.33	0.00	0.00	3.69
1-Jan-02	0.00	2.04	0.09	4.56
2-Jan-02	0.13	10.67	0.46	4.46
3-Jan-02	0.00	23.17	1.00	4.28
4-Jan-02	0.00	0.00	0.00	2.95
5-Jan-02	0.00	0.00	0.00	2.79
6-Jan-02	0.04	6.01	0.24	2.78
7-Jan-02	0.00	160.03	6.32	2.68
8-Jan-02	0.00	31.62	1.25	2.39
9-Jan-02	0.00	0.00	0.00	2.24
10-Jan-02	0.00	0.00	0.00	2.07
11-Jan-02	0.00	0.00	0.00	1.98
12-Jan-02	0.00	0.00	0.00	1.96
13-Jan-02	0.00	0.00	0.00	1.96
14-Jan-02	0.15	0.00	0.00	2.07
15-Jan-02	0.51	0.00	0.00	3.11
16-Jan-02	0.00	9.54	0.38	3.34

Daily Date	Feeder Canal Basin	S-190		WWEIR
	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
17-Jan-02	0.03	111.65	4.41	3.16
18-Jan-02	0.01	19.72	0.58	3.65
19-Jan-02	0.00	17.63	0.52	3.41
20-Jan-02	0.00	15.57	0.46	3.19
21-Jan-02	0.00	16.82	0.50	2.93
22-Jan-02	0.00	14.86	0.44	2.77
23-Jan-02	0.00	8.25	0.24	2.59
24-Jan-02	0.00	5.18	0.15	3.10
25-Jan-02	0.00	0.24	0.01	2.95
26-Jan-02	0.00	0.00	0.00	2.81
27-Jan-02	0.00	0.00	0.00	2.66
28-Jan-02	0.00	0.00	0.00	2.59
29-Jan-02	0.00	0.00	0.00	2.49
30-Jan-02	0.00	0.00	0.00	2.95
31-Jan-02	0.00	0.04	0.00	2.78
1-Feb-02	0.00	0.00	0.00	2.67
2-Feb-02	0.00	0.00	0.00	2.61
3-Feb-02	0.00	0.00	0.00	2.53
4-Feb-02	0.00	0.00	0.00	2.49
5-Feb-02	0.00	0.00	0.00	1.73
6-Feb-02	0.00	0.93	0.04	1.43
7-Feb-02	0.00	0.00	0.00	1.34
8-Feb-02	0.00	0.00	0.00	1.03
9-Feb-02	0.75	0.00	0.00	1.11
10-Feb-02	2.23	0.00	0.00	3.77
11-Feb-02	0.00	215.11	8.23	5.75
12-Feb-02	0.00	172.78	6.61	4.98
13-Feb-02	0.07	262.41	10.03	4.29
14-Feb-02	0.01	59.68	2.87	3.11
15-Feb-02	0.02	3.59	0.17	2.91
16-Feb-02	2.01	398.96	19.19	5.09
17-Feb-02	0.00	462.90	22.27	6.36
18-Feb-02	0.00	181.01	8.71	5.41
19-Feb-02	0.00	286.71	13.79	4.71
20-Feb-02	0.00	69.40	3.51	3.04
21-Feb-02	0.00	145.59	7.36	2.81
22-Feb-02	0.04	212.17	10.73	2.66
23-Feb-02	0.41	47.25	2.39	3.10
24-Feb-02	0.00	288.36	14.58	3.32
25-Feb-02	0.00	31.97	1.62	2.95
26-Feb-02	0.00	1.86	0.09	2.69

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
27-Feb-02	0.00	0.00	0.00	2.53
28-Feb-02	0.00	0.00	0.00	2.15
1-Mar-02	0.00	4.24	0.20	2.10
2-Mar-02	0.00	10.49	0.49	2.05
3-Mar-02	0.00	19.26	0.90	1.93
4-Mar-02	0.10	217.49	10.19	1.82
5-Mar-02	0.00	0.00	0.00	1.67
6-Mar-02	0.00	0.00	0.00	1.66
7-Mar-02	0.36	3.21	0.13	2.55
8-Mar-02	0.01	99.39	4.05	3.04
9-Mar-02	0.00	22.69	0.92	2.73
10-Mar-02	0.00	191.13	7.78	2.47
11-Mar-02	0.00	0.00	0.00	2.27
12-Mar-02	0.00	0.00	0.00	2.18
13-Mar-02	0.00	0.00	0.00	2.47
14-Mar-02	0.00	0.00	0.00	2.25
15-Mar-02	0.00	0.00	0.00	2.12
16-Mar-02	0.00	0.00	0.00	2.01
17-Mar-02	0.00	0.00	0.00	1.80
18-Mar-02	0.00	0.00	0.00	1.64
19-Mar-02	0.00	0.00	0.00	1.42
20-Mar-02	0.00	0.00	0.00	1.01
21-Mar-02	0.00	0.00	0.00	0.73
22-Mar-02	0.00	0.00	0.00	0.46
23-Mar-02	0.00	0.00	0.00	0.18
24-Mar-02	0.00	0.00	0.00	0.01
25-Mar-02	0.00	0.00	0.00	0.00
26-Mar-02	0.33	0.00	0.00	0.00
27-Mar-02	0.01	0.00	0.00	0.00
28-Mar-02	0.00	3.35	0.13	0.00
29-Mar-02	0.00	0.00	0.00	0.00
30-Mar-02	0.00	0.00	0.00	0.00
31-Mar-02	0.00	0.00	0.00	0.00
1-Apr-02	0.00	0.00	0.00	0.00
2-Apr-02	0.34	0.00	0.00	0.00
3-Apr-02	0.07	0.00	0.00	0.00
4-Apr-02	0.00	0.00	0.00	0.00
5-Apr-02	0.00	0.00	0.00	0.00
6-Apr-02	0.00	0.00	0.00	0.00
7-Apr-02	0.00	0.00	0.00	0.00
8-Apr-02	0.00	0.00	0.00	0.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
9-Apr-02	0.00	0.00	0.00	0.00
10-Apr-02	0.00	0.00	0.00	0.00
11-Apr-02	0.06	0.00	0.00	0.00
12-Apr-02	0.00	0.00	0.00	0.00
13-Apr-02	0.00	0.00	0.00	0.00
14-Apr-02	0.36	0.00	0.00	0.00
15-Apr-02	0.00	0.00	0.00	0.00
16-Apr-02	0.08	9.14	0.47	0.00
17-Apr-02	0.02	0.00	0.00	0.00
18-Apr-02	0.00	0.00	0.00	0.00
19-Apr-02	0.00	0.00	0.00	0.00
20-Apr-02	0.00	0.00	0.00	0.00
21-Apr-02	0.00	0.00	0.00	0.00
22-Apr-02	0.00	0.00	0.00	0.00
23-Apr-02	0.00	0.00	0.00	0.00
24-Apr-02	0.01	0.00	0.00	0.00
25-Apr-02	0.00	0.00	0.00	0.00
26-Apr-02	0.00	0.00	0.00	0.00
27-Apr-02	0.00	0.00	0.00	0.00
28-Apr-02	0.00	0.00	0.00	0.00
29-Apr-02	0.00	0.00	0.00	0.00
30-Apr-02	0.00	0.00	0.00	0.00
1-May-02	0.00	0.00	0.00	0.00
2-May-02	0.00	0.00	0.00	0.00
3-May-02	0.00	0.00	0.00	0.00
4-May-02	0.00	0.00	0.00	0.00
5-May-02	0.00	0.00	0.00	0.00
6-May-02	0.00	0.00	0.00	0.00
7-May-02	0.00	1.21	0.10	0.00
8-May-02	0.00	0.00	0.00	0.00
9-May-02	0.00	0.00	0.00	0.00
10-May-02	0.00	0.00	0.00	0.00
11-May-02	0.00	0.00	0.00	0.00
12-May-02	0.00	0.00	0.00	0.00
13-May-02	0.00	0.00	0.00	0.00
14-May-02	0.01	0.00	0.00	0.00
15-May-02	0.00	0.00	0.00	0.00
16-May-02	0.09	0.00	0.00	0.00
17-May-02	0.00	0.00	0.00	0.00
18-May-02	0.00	0.00	0.00	0.00
19-May-02	1.21	0.00	0.00	0.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
20-May-02	0.01	0.00	0.00	0.00
21-May-02	0.00	0.00	0.00	0.00
22-May-02	0.00	0.00	0.00	0.00
23-May-02	0.00	0.00	0.00	0.00
24-May-02	0.00	0.00	0.00	0.00
25-May-02	0.00	0.00	0.00	0.00
26-May-02	0.00	0.00	0.00	0.00
27-May-02	0.00	0.00	0.00	0.00
28-May-02	0.00	0.00	0.00	0.00
29-May-02	0.00	0.00	0.00	0.00
30-May-02	0.88	0.00	0.00	0.00
31-May-02	0.72	0.00	0.00	0.00
1-Jun-02	0.00	0.00	0.00	0.00
2-Jun-02	0.00	0.00	0.00	0.00
3-Jun-02	0.00	0.00	0.00	0.00
4-Jun-02	0.00	0.00	0.00	0.00
5-Jun-02	0.00	0.00	0.00	0.00
6-Jun-02	0.00	0.00	0.00	0.00
7-Jun-02	0.18	0.00	0.00	0.00
8-Jun-02	0.23	0.00	0.00	0.00
9-Jun-02	0.04	0.00	0.00	0.00
10-Jun-02	0.14	0.00	0.00	0.00
11-Jun-02	0.31	0.00	0.00	0.00
12-Jun-02	1.47	0.00	0.00	0.00
13-Jun-02	0.06	0.00	0.00	0.00
14-Jun-02	1.50	0.00	0.00	0.00
15-Jun-02	0.97	0.00	0.00	0.00
16-Jun-02	0.02	0.00	0.00	0.00
17-Jun-02	0.00	0.00	0.00	0.00
18-Jun-02	0.00	0.00	0.00	0.00
19-Jun-02	0.08	0.00	0.00	0.00
20-Jun-02	0.18	0.00	0.00	0.02
21-Jun-02	0.04	0.00	0.00	0.68
22-Jun-02	0.41	0.00	0.00	1.54
23-Jun-02	0.90	28.11	1.70	4.67
24-Jun-02	0.93	510.19	30.84	7.43
25-Jun-02	0.42	423.61	23.51	8.77
26-Jun-02	0.08	364.19	20.21	7.65
27-Jun-02	0.00	542.40	30.11	6.48
28-Jun-02	0.28	435.11	24.15	6.01
29-Jun-02	0.00	298.10	16.55	6.37

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
30-Jun-02	0.32	327.53	18.18	5.61
1-Jul-02	1.39	612.97	34.02	9.03
2-Jul-02	0.08	533.79	55.31	12.63
3-Jul-02	0.09	668.27	69.24	10.37
4-Jul-02	0.09	565.79	58.62	8.53
5-Jul-02	0.02	427.48	44.29	7.46
6-Jul-02	0.04	384.87	39.88	7.33
7-Jul-02	0.45	331.40	34.34	7.44
8-Jul-02	1.66	634.35	65.73	9.40
9-Jul-02	0.25	954.43	118.90	11.41
10-Jul-02	0.13	1016.31	126.61	9.16
11-Jul-02	0.32	898.51	111.94	8.68
12-Jul-02	2.58	1105.49	137.72	9.42
13-Jul-02	0.00	2133.22	265.76	14.86
14-Jul-02	0.00	1794.51	223.56	14.08
15-Jul-02	0.00	1362.03	169.68	12.27
16-Jul-02	0.00	1217.59	151.69	10.66
17-Jul-02	0.03	869.83	119.09	22.15
18-Jul-02	1.34	1261.35	172.70	24.11
19-Jul-02	0.21	1394.34	190.91	32.02
20-Jul-02	0.01	1320.44	180.79	31.50
21-Jul-02	0.25	1117.51	153.01	28.51
22-Jul-02	0.00	1392.30	190.63	25.22
23-Jul-02	0.00	1053.46	144.24	22.13
24-Jul-02	0.00	767.03	105.02	19.06
25-Jul-02	0.00	568.84	77.88	16.25
26-Jul-02	0.00	564.10	77.23	13.91
27-Jul-02	0.00	303.31	41.53	12.03
28-Jul-02	1.07	332.83	45.57	11.51
29-Jul-02	1.13	646.67	88.54	12.26
30-Jul-02	0.51	1211.13	165.82	20.28
31-Jul-02	0.01	1207.14	180.17	22.59
1-Aug-02	0.00	835.38	124.68	19.99
2-Aug-02	0.02	556.96	83.13	16.28
3-Aug-02	0.00	604.76	90.26	14.67
4-Aug-02	0.26	427.52	63.81	12.41
5-Aug-02	0.42	530.18	79.13	12.06
6-Aug-02	0.03	881.61	104.40	11.51
7-Aug-02	1.24	842.60	99.78	11.82
8-Aug-02	0.01	1011.97	119.83	17.63
9-Aug-02	0.00	607.42	71.93	15.82

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
10-Aug-02	0.00	684.69	81.08	13.05
11-Aug-02	1.77	656.87	77.78	12.26
12-Aug-02	0.43	913.94	108.22	13.64
13-Aug-02	0.00	825.34	79.41	11.93
14-Aug-02	0.02	771.93	74.27	11.34
15-Aug-02	0.00	721.73	69.44	11.49
16-Aug-02	0.00	444.87	42.80	10.39
17-Aug-02	0.34	632.89	60.89	9.41
18-Aug-02	0.52	467.76	45.00	11.03
19-Aug-02	0.08	749.02	72.06	11.21
20-Aug-02	0.07	676.62	87.63	14.55
21-Aug-02	0.57	466.08	60.36	15.39
22-Aug-02	0.02	637.55	82.57	15.35
23-Aug-02	0.00	437.18	56.62	13.03
24-Aug-02	0.00	413.97	53.62	11.66
25-Aug-02	0.00	207.25	26.84	10.27
26-Aug-02	0.00	310.65	40.23	10.18
27-Aug-02	0.85	250.31	32.42	11.58
28-Aug-02	0.22	245.97	31.86	13.94
29-Aug-02	0.58	457.53	57.00	12.11
30-Aug-02	0.10	621.82	77.47	14.10
31-Aug-02	0.06	542.86	67.63	12.91
1-Sep-02	0.44	445.39	55.49	12.02
2-Sep-02	0.49	636.26	79.27	15.91
3-Sep-02	0.67	525.88	65.51	22.67
4-Sep-02	0.15	693.28	76.11	64.74
5-Sep-02	1.36	776.41	85.23	65.40
6-Sep-02	0.26	832.72	91.42	69.93
7-Sep-02	0.35	899.15	98.71	70.79
8-Sep-02	0.11	802.71	88.12	70.89
9-Sep-02	0.50	897.38	98.51	67.70
10-Sep-02	0.71	737.49	99.16	52.62
11-Sep-02	0.92	982.49	132.10	62.61
12-Sep-02	0.03	1306.21	175.62	80.06
13-Sep-02	0.00	1214.88	163.34	72.55
14-Sep-02	0.01	917.43	123.35	62.58
15-Sep-02	0.00	813.06	109.32	54.20
16-Sep-02	0.00	570.35	76.68	47.67
17-Sep-02	0.05	553.25	74.38	43.78
18-Sep-02	0.00	420.28	65.32	26.87
19-Sep-02	0.01	541.88	84.22	24.19

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
20-Sep-02	0.15	252.73	39.28	22.66
21-Sep-02	0.00	342.41	53.22	22.25
22-Sep-02	0.02	195.39	30.37	21.62
23-Sep-02	0.58	298.89	46.45	22.19
24-Sep-02	0.71	541.65	62.13	18.43
25-Sep-02	0.15	435.69	49.98	21.47
26-Sep-02	0.05	521.83	59.86	18.82
27-Sep-02	0.94	492.63	56.51	16.78
28-Sep-02	0.06	355.78	40.81	16.32
29-Sep-02	0.04	592.52	67.97	15.69
30-Sep-02	0.00	462.37	53.04	14.21
1-Oct-02	0.03	578.70	64.24	14.33
2-Oct-02	0.01	302.88	33.62	13.81
3-Oct-02	0.00	84.10	9.34	13.09
4-Oct-02	0.04	3.17	0.35	12.38
5-Oct-02	0.00	237.80	26.40	11.82
6-Oct-02	0.00	129.88	14.42	11.28
7-Oct-02	0.00	202.57	22.49	10.62
8-Oct-02	0.00	0.00	0.00	10.36
9-Oct-02	0.05	7.40	0.82	9.98
10-Oct-02	0.00	190.23	20.41	10.22
11-Oct-02	0.00	68.61	7.36	10.03
12-Oct-02	0.00	0.00	0.00	8.79
13-Oct-02	0.29	0.00	0.00	8.41
14-Oct-02	0.01	8.11	0.87	9.35
15-Oct-02	0.28	212.01	22.75	9.29
16-Oct-02	0.00	286.83	21.58	10.29
17-Oct-02	0.00	2.56	0.19	8.50
18-Oct-02	0.00	207.83	15.64	7.31
19-Oct-02	0.00	0.00	0.00	6.49
20-Oct-02	0.00	2.32	0.17	6.00
21-Oct-02	0.00	14.96	1.13	5.59
22-Oct-02	0.00	19.52	1.47	5.29
23-Oct-02	2.39	8.21	0.62	6.38
24-Oct-02	0.46	384.28	34.60	10.28
25-Oct-02	0.01	297.82	26.82	10.47
26-Oct-02	0.00	468.48	42.18	8.72
27-Oct-02	0.00	218.22	19.65	7.33
28-Oct-02	0.40	180.38	16.24	6.59
29-Oct-02	0.08	243.25	21.90	6.23
30-Oct-02	0.21	53.22	4.79	6.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
31-Oct-02	0.00	358.67	31.41	6.07
1-Nov-02	0.01	159.75	13.99	5.61
2-Nov-02	0.00	4.11	0.36	5.24
3-Nov-02	0.00	213.40	18.69	5.02
4-Nov-02	0.00	0.00	0.00	4.80
5-Nov-02	0.00	1.23	0.11	4.65
6-Nov-02	0.08	12.20	0.90	4.12
7-Nov-02	0.00	22.93	1.70	4.21
8-Nov-02	0.00	25.75	1.91	3.64
9-Nov-02	0.00	193.33	14.31	3.33
10-Nov-02	0.00	0.00	0.00	3.04
11-Nov-02	0.00	0.00	0.00	3.09
12-Nov-02	0.00	0.00	0.00	3.26
13-Nov-02	0.02	0.00	0.00	2.72
14-Nov-02	0.00	0.00	0.00	1.89
15-Nov-02	0.00	0.00	0.00	1.84
16-Nov-02	1.30	7.34	0.43	2.96
17-Nov-02	0.23	288.89	16.75	7.94
18-Nov-02	0.00	226.35	13.12	7.04
19-Nov-02	0.00	6.29	0.36	5.82
20-Nov-02	0.00	220.74	10.07	3.04
21-Nov-02	0.09	3.73	0.17	2.78
22-Nov-02	0.29	247.44	11.29	4.12
23-Nov-02	0.00	120.10	5.48	4.09
24-Nov-02	0.00	110.42	5.04	3.47
25-Nov-02	0.00	11.60	0.53	2.95
26-Nov-02	0.00	198.86	9.57	3.46
27-Nov-02	0.00	0.16	0.01	3.31
28-Nov-02	0.00	10.29	0.50	3.08
29-Nov-02	0.00	193.96	9.33	2.81
30-Nov-02	0.00	0.00	0.00	2.71
1-Dec-02	0.06	0.28	0.01	2.75
2-Dec-02	0.01	8.47	0.41	2.79
3-Dec-02	0.00	173.41	8.34	2.66
4-Dec-02	0.00	0.00	0.00	2.51
5-Dec-02	0.00	0.00	0.00	2.46
6-Dec-02	0.03	0.20	0.01	2.63
7-Dec-02	0.00	3.65	0.12	2.59
8-Dec-02	0.00	7.00	0.23	2.53
9-Dec-02	0.63	244.58	8.15	4.61
10-Dec-02	0.09	508.50	19.44	14.29

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
11-Dec-02	0.00	537.76	20.56	14.10
12-Dec-02	0.04	435.59	16.66	12.68
13-Dec-02	0.03	478.27	18.29	14.17
14-Dec-02	0.00	508.66	19.45	14.82
15-Dec-02	0.00	445.07	17.02	13.21
16-Dec-02	0.00	246.09	9.41	12.00
17-Dec-02	0.00	355.04	16.20	9.46
18-Dec-02	0.00	334.10	15.25	9.14
19-Dec-02	0.00	175.52	8.01	8.51
20-Dec-02	0.36	276.63	12.63	9.55
21-Dec-02	0.00	317.61	14.50	11.10
22-Dec-02	0.00	337.84	15.42	9.69
23-Dec-02	0.00	323.50	14.76	8.76
24-Dec-02	0.00	222.31	8.77	8.60
25-Dec-02	0.08	150.66	5.95	8.37
26-Dec-02	0.00	234.62	9.26	7.84
27-Dec-02	0.00	251.46	9.93	7.15
28-Dec-02	0.00	79.80	3.15	6.69
29-Dec-02	0.00	159.35	6.29	6.36
30-Dec-02	0.00	222.29	8.77	6.11
31-Dec-02	0.05	12.60	0.34	5.66
1-Jan-03	0.57	467.52	12.69	8.70
2-Jan-03	0.00	251.96	6.84	8.98
3-Jan-03	0.15	269.30	7.31	8.67
4-Jan-03	0.00	272.53	7.40	7.70
5-Jan-03	0.00	262.23	7.12	6.99
6-Jan-03	0.00	29.79	0.81	6.48
7-Jan-03	0.00	220.56	5.99	6.18
8-Jan-03	0.00	0.00	0.00	6.01
9-Jan-03	0.00	220.98	9.27	6.46
10-Jan-03	0.00	0.12	0.00	5.93
11-Jan-03	0.00	230.58	9.67	6.21
12-Jan-03	0.00	0.28	0.01	6.08
13-Jan-03	0.01	11.21	0.47	5.89
14-Jan-03	0.02	216.02	9.06	5.99
15-Jan-03	0.00	0.00	0.00	5.63
16-Jan-03	0.00	10.08	0.44	5.29
17-Jan-03	0.00	203.17	8.77	5.15
18-Jan-03	0.00	0.00	0.00	4.88
19-Jan-03	0.00	0.00	0.00	4.77
20-Jan-03	0.00	0.00	0.00	4.82

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
21-Jan-03	0.00	5.08	0.22	4.95
22-Jan-03	0.00	159.63	6.89	4.25
23-Jan-03	0.03	0.00	0.00	4.64
24-Jan-03	0.00	0.00	0.00	5.71
25-Jan-03	0.00	0.00	0.00	6.00
26-Jan-03	0.00	6.82	0.29	6.46
27-Jan-03	0.00	205.23	8.86	5.56
28-Jan-03	0.00	0.00	0.00	4.86
29-Jan-03	0.00	0.46	0.02	4.76
30-Jan-03	0.00	9.74	0.34	4.85
31-Jan-03	0.00	19.70	0.68	4.91
1-Feb-03	0.00	198.90	6.87	4.88
2-Feb-03	0.00	0.00	0.00	4.76
3-Feb-03	0.00	0.00	0.00	4.74
4-Feb-03	0.00	0.00	0.00	6.01
5-Feb-03	0.00	0.00	0.00	6.12
6-Feb-03	0.00	2.42	0.08	4.24
7-Feb-03	0.00	9.28	0.30	2.23
8-Feb-03	0.00	14.58	0.47	2.21
9-Feb-03	0.00	19.50	0.63	2.30
10-Feb-03	0.00	180.20	5.78	2.30
11-Feb-03	0.00	0.00	0.00	3.33
12-Feb-03	0.00	0.00	0.00	3.18
13-Feb-03	0.00	0.00	0.00	2.69
14-Feb-03	0.00	0.00	0.00	2.53
15-Feb-03	0.00	0.00	0.00	2.49
16-Feb-03	0.16	0.00	0.00	2.59
17-Feb-03	0.23	0.00	0.00	4.77
18-Feb-03	0.00	0.00	0.00	5.15
19-Feb-03	0.00	0.00	0.00	4.87
20-Feb-03	0.09	0.00	0.00	5.22
21-Feb-03	0.00	0.00	0.00	6.67
22-Feb-03	0.34	0.04	0.00	5.61
23-Feb-03	0.04	2.78	0.09	7.34
24-Feb-03	0.00	5.57	0.18	6.18
25-Feb-03	0.00	11.88	0.38	7.34
26-Feb-03	0.00	17.24	0.60	9.80
27-Feb-03	0.00	17.65	0.61	9.66
28-Feb-03	0.00	7.99	0.28	9.45
1-Mar-03	0.00	6.64	0.23	8.92
2-Mar-03	0.00	4.09	0.14	8.46

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
3-Mar-03	0.01	0.00	0.00	7.94
4-Mar-03	0.00	0.00	0.00	8.61
5-Mar-03	0.00	0.00	0.00	7.65
6-Mar-03	0.00	0.04	0.00	7.12
7-Mar-03	0.00	0.00	0.00	6.46
8-Mar-03	0.00	0.00	0.00	5.73
9-Mar-03	0.00	0.00	0.00	5.08
10-Mar-03	0.03	0.00	0.00	4.78
11-Mar-03	0.08	0.00	0.00	7.06
12-Mar-03	0.01	0.00	0.00	8.85
13-Mar-03	0.00	0.00	0.00	7.57
14-Mar-03	0.00	0.00	0.00	5.80
15-Mar-03	0.00	0.00	0.00	4.47
16-Mar-03	0.00	0.00	0.00	3.36
17-Mar-03	1.32	0.00	0.00	13.65
18-Mar-03	0.26	0.00	0.00	7.90
19-Mar-03	0.00	4.24	0.16	8.44
20-Mar-03	0.00	14.84	0.57	7.99
21-Mar-03	0.08	20.01	0.77	7.33
22-Mar-03	0.05	203.48	7.78	7.21
23-Mar-03	0.71	164.01	6.27	7.26
24-Mar-03	0.09	95.94	3.67	7.58
25-Mar-03	0.00	204.63	7.82	6.59
26-Mar-03	0.00	0.00	0.00	3.22
27-Mar-03	0.67	194.24	8.15	3.76
28-Mar-03	0.02	20.01	0.84	4.89
29-Mar-03	0.00	210.07	8.81	3.89
30-Mar-03	0.01	0.50	0.02	3.57
31-Mar-03	0.00	11.98	0.50	3.12
1-Apr-03	0.00	164.79	5.49	1.90
2-Apr-03	0.00	0.00	0.00	1.84
3-Apr-03	0.00	0.00	0.00	1.79
4-Apr-03	0.00	0.00	0.00	1.42
5-Apr-03	0.39	0.04	0.00	1.23
6-Apr-03	0.00	2.12	0.07	1.83
7-Apr-03	0.00	2.12	0.07	1.57
8-Apr-03	0.00	0.00	0.00	2.01
9-Apr-03	0.16	0.00	0.00	1.86
10-Apr-03	0.00	0.00	0.00	2.07
11-Apr-03	0.00	0.00	0.00	1.36
12-Apr-03	0.00	0.00	0.00	0.83

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
13-Apr-03	0.00	0.00	0.00	0.37
14-Apr-03	0.00	0.00	0.00	0.05
15-Apr-03	0.01	0.00	0.00	0.00
16-Apr-03	0.00	0.00	0.00	0.00
17-Apr-03	0.00	0.00	0.00	0.00
18-Apr-03	0.00	0.00	0.00	0.00
19-Apr-03	0.00	0.00	0.00	0.00
20-Apr-03	0.00	0.00	0.00	0.00
21-Apr-03	0.01	0.00	0.00	0.00
22-Apr-03	0.00	0.00	0.00	0.00
23-Apr-03	0.00	0.00	0.00	0.00
24-Apr-03	0.00	0.00	0.00	0.00
25-Apr-03	0.00	0.00	0.00	0.00
26-Apr-03	1.01	0.00	0.00	0.00
27-Apr-03	0.22	0.00	0.00	0.00
28-Apr-03	0.43	0.00	0.00	0.00
29-Apr-03	0.01	0.00	0.00	0.00
30-Apr-03	0.66	0.00	0.00	0.00
1-May-03	0.10	0.00	0.00	0.31
2-May-03	0.10	0.00	0.00	1.08
3-May-03	0.00	0.00	0.00	0.72
4-May-03	0.00	0.00	0.00	0.24
5-May-03	0.00	0.00	0.00	0.00
6-May-03	0.00	0.00	0.00	0.00
7-May-03	0.00	0.00	0.00	0.00
8-May-03	0.00	0.00	0.00	0.00
9-May-03	0.00	0.00	0.00	0.00
10-May-03	0.35	0.00	0.00	0.00
11-May-03	0.00	0.00	0.00	0.00
12-May-03	0.00	0.00	0.00	0.00
13-May-03	0.00	0.00	0.00	0.00
14-May-03	0.05	17.24	1.23	0.00
15-May-03	0.04	0.00	0.00	0.00
16-May-03	1.70	0.00	0.00	0.00
17-May-03	0.01	0.00	0.00	0.00
18-May-03	0.42	0.00	0.00	0.00
19-May-03	0.06	0.00	0.00	0.00
20-May-03	0.03	0.00	0.00	0.00
21-May-03	0.01	0.00	0.00	0.00
22-May-03	0.00	0.00	0.00	0.00
23-May-03	1.39	0.00	0.00	0.30

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
24-May-03	0.12	0.00	0.00	3.37
25-May-03	0.03	0.00	0.00	3.12
26-May-03	0.41	0.02	0.00	2.49
27-May-03	1.34	442.02	31.62	2.97
28-May-03	0.23	312.44	22.35	5.36
29-May-03	0.47	420.28	18.66	4.93
30-May-03	0.00	194.14	8.62	4.66
31-May-03	0.00	252.63	11.22	3.33
1-Jun-03	0.20	205.88	9.14	2.74
2-Jun-03	0.02	52.54	2.33	2.27
3-Jun-03	0.46	150.82	6.70	2.71
4-Jun-03	0.12	243.17	10.80	2.41
5-Jun-03	0.00	63.01	2.72	1.43
6-Jun-03	0.39	130.63	5.64	1.39
7-Jun-03	0.16	197.93	8.55	1.46
8-Jun-03	0.16	0.00	0.00	1.64
9-Jun-03	0.48	219.73	9.49	2.15
10-Jun-03	0.02	237.16	10.24	3.33
11-Jun-03	0.03	130.18	4.98	2.50
12-Jun-03	0.62	108.02	4.13	2.31
13-Jun-03	0.00	100.28	3.83	2.37
14-Jun-03	0.01	189.70	7.25	1.99
15-Jun-03	0.00	0.00	0.00	1.91
16-Jun-03	0.39	184.90	7.07	2.28
17-Jun-03	0.75	210.19	8.04	2.49
18-Jun-03	0.19	201.50	7.46	3.08
19-Jun-03	0.87	215.68	7.98	3.88
20-Jun-03	1.07	349.45	12.93	3.97
21-Jun-03	2.00	431.13	15.95	5.08
22-Jun-03	0.45	790.59	29.26	8.88
23-Jun-03	0.03	814.14	30.13	9.18
24-Jun-03	0.01	738.39	27.32	9.51
25-Jun-03	0.00	933.82	61.05	15.18
26-Jun-03	0.01	782.12	51.13	13.85
27-Jun-03	0.02	465.38	30.42	12.55
28-Jun-03	0.03	438.11	28.64	11.92
29-Jun-03	0.00	421.96	27.59	11.19
30-Jun-03	0.00	342.19	22.37	9.92
1-Jul-03	0.00	440.95	28.83	8.88
2-Jul-03	0.03	174.70	10.56	7.56
3-Jul-03	1.03	281.26	17.00	7.20

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
4-Jul-03	0.00	387.89	23.44	7.50
5-Jul-03	0.21	266.00	16.08	6.92
6-Jul-03	0.00	173.36	10.48	6.87
7-Jul-03	0.04	294.96	17.83	6.12
8-Jul-03	0.11	292.05	17.65	5.75
9-Jul-03	0.00	128.81	7.79	5.34
10-Jul-03	0.00	112.74	5.15	4.82
11-Jul-03	0.00	207.49	9.47	4.45
12-Jul-03	0.00	122.76	5.60	4.20
13-Jul-03	0.16	75.91	3.46	3.75
14-Jul-03	0.75	238.35	10.88	4.24
15-Jul-03	0.59	193.63	8.84	5.23
16-Jul-03	0.00	244.76	11.17	8.08
17-Jul-03	1.00	273.36	9.78	14.00
18-Jul-03	0.00	242.34	8.67	13.42
19-Jul-03	0.03	186.01	6.65	12.25
20-Jul-03	0.00	298.69	10.68	12.43
21-Jul-03	0.00	261.14	9.34	11.60
22-Jul-03	0.26	189.66	6.78	10.71
23-Jul-03	0.82	167.17	6.19	4.30
24-Jul-03	0.06	382.99	14.17	5.49
25-Jul-03	0.20	257.22	9.52	5.27
26-Jul-03	0.03	474.94	17.57	5.34
27-Jul-03	0.01	549.56	20.34	5.21
28-Jul-03	0.00	377.38	13.96	4.85
29-Jul-03	0.07	323.19	11.96	4.42
30-Jul-03	0.29	134.40	4.97	4.24
31-Jul-03	0.31	195.55	9.89	13.26
1-Aug-03	0.22	408.95	20.68	18.39
2-Aug-03	0.07	612.46	30.97	22.50
3-Aug-03	0.11	355.87	18.00	21.92
4-Aug-03	0.80	649.59	32.85	27.17
5-Aug-03	1.44	728.85	36.86	32.15
6-Aug-03	0.95	692.73	35.03	36.82
7-Aug-03	0.06	882.80	103.45	105.17
8-Aug-03	0.03	881.95	103.35	97.51
9-Aug-03	1.10	830.62	97.33	101.71
10-Aug-03	0.03	1079.35	126.48	123.68
11-Aug-03	0.07	1206.43	141.37	124.72
12-Aug-03	0.11	1020.69	119.61	116.00
13-Aug-03	0.05	956.05	115.57	101.40

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
14-Aug-03	0.57	1076.11	130.08	105.65
15-Aug-03	0.32	1082.58	130.86	113.71
16-Aug-03	1.50	1164.87	140.81	113.21
17-Aug-03	0.14	1378.93	166.69	121.52
18-Aug-03	0.09	1320.34	159.60	115.48
19-Aug-03	0.22	1372.48	165.91	112.29
20-Aug-03	0.24	1322.30	159.84	122.79
21-Aug-03	0.26	1415.25	214.72	109.89
22-Aug-03	0.05	1565.20	237.47	108.16
23-Aug-03	0.54	1532.49	232.51	111.89
24-Aug-03	0.55	1551.13	235.34	111.72
25-Aug-03	0.00	1714.57	260.13	108.13
26-Aug-03	0.50	1419.89	215.42	101.83
27-Aug-03	0.00	1461.54	221.74	96.84
28-Aug-03	0.64	1306.14	170.78	82.18
29-Aug-03	0.01	1372.15	179.41	81.76
30-Aug-03	0.00	1127.11	147.37	76.63
31-Aug-03	0.00	1044.10	136.52	70.69
1-Sep-03	0.00	891.01	116.50	65.36
2-Sep-03	0.00	807.77	105.61	60.67
3-Sep-03	0.18	821.47	107.41	57.27
4-Sep-03	0.27	750.39	98.11	54.47
5-Sep-03	1.03	737.89	81.01	53.89
6-Sep-03	0.07	1090.37	119.70	64.35
7-Sep-03	0.00	1005.56	110.39	62.04
8-Sep-03	0.00	722.48	79.31	55.08
9-Sep-03	0.00	638.62	70.11	51.67
10-Sep-03	0.00	650.10	71.37	47.58
11-Sep-03	0.00	508.94	70.94	30.33
12-Sep-03	1.47	555.83	77.47	29.08
13-Sep-03	0.51	1501.75	209.32	39.35
14-Sep-03	0.89	1815.00	252.98	44.59
15-Sep-03	0.00	1828.19	254.82	46.49
16-Sep-03	0.00	1511.58	210.69	41.89
17-Sep-03	0.34	1148.87	160.13	38.94
18-Sep-03	0.01	1355.48	232.40	34.44
19-Sep-03	0.04	955.46	163.82	32.22
20-Sep-03	0.05	1057.37	181.29	31.14
21-Sep-03	0.00	781.41	133.98	29.37
22-Sep-03	0.00	698.70	119.79	26.88
23-Sep-03	0.00	604.58	103.66	25.17

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
24-Sep-03	0.41	625.21	101.80	34.19
25-Sep-03	2.66	1060.52	172.67	46.47
26-Sep-03	0.50	2118.84	344.99	84.18
27-Sep-03	1.16	2002.65	326.07	87.89
28-Sep-03	1.07	1966.85	320.24	86.98
29-Sep-03	2.50	2238.64	364.50	89.32
30-Sep-03	0.01	2858.44	465.41	116.92
1-Oct-03	0.00	2811.27	457.73	117.11
2-Oct-03	0.00	2528.03	495.81	278.91
3-Oct-03	0.00	2180.57	427.66	247.46
4-Oct-03	0.00	1864.42	365.66	220.95
5-Oct-03	0.00	1557.04	305.37	200.14
6-Oct-03	0.00	1360.64	266.85	180.50
7-Oct-03	0.00	922.83	143.43	98.23
8-Oct-03	0.00	959.80	149.17	83.48
9-Oct-03	0.00	750.13	116.58	73.50
10-Oct-03	0.00	586.23	91.11	66.28
11-Oct-03	0.00	670.71	104.24	69.70
12-Oct-03	0.00	755.62	117.44	77.77
13-Oct-03	0.00	547.40	85.08	71.50
14-Oct-03	0.01	571.60	65.57	23.01
15-Oct-03	0.00	559.12	64.14	20.87
16-Oct-03	0.00	303.39	34.80	19.00
17-Oct-03	0.00	497.57	57.08	17.77
18-Oct-03	0.00	322.21	36.96	16.64
19-Oct-03	0.00	328.70	37.71	15.56
20-Oct-03	0.00	314.72	36.10	14.79
21-Oct-03	0.00	138.47	15.88	13.74
22-Oct-03	0.00	246.25	28.25	12.39
23-Oct-03	0.00	95.62	10.85	15.50
24-Oct-03	0.00	107.98	12.25	15.30
25-Oct-03	0.19	235.42	26.72	14.48
26-Oct-03	0.01	249.86	28.35	14.66
27-Oct-03	0.00	63.27	7.18	14.20
28-Oct-03	0.00	166.57	26.09	19.16
29-Oct-03	0.10	144.95	22.71	18.62
30-Oct-03	0.00	0.00	0.00	17.37
31-Oct-03	0.00	0.00	0.00	16.00
1-Nov-03	0.00	0.00	0.00	14.91
2-Nov-03	0.01	0.99	0.16	13.98
3-Nov-03	0.43	201.90	31.63	15.95

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
4-Nov-03	0.36	0.56	0.09	17.15
5-Nov-03	0.29	427.85	46.97	18.61
6-Nov-03	0.02	0.00	0.00	18.12
7-Nov-03	0.01	1.77	0.19	15.80
8-Nov-03	0.00	203.15	22.30	14.60
9-Nov-03	0.00	0.40	0.04	13.58
10-Nov-03	0.01	201.96	22.17	12.62
11-Nov-03	0.00	0.69	0.09	10.68
12-Nov-03	0.00	2.10	0.27	10.26
13-Nov-03	0.00	121.79	15.77	9.64
14-Nov-03	0.00	78.47	10.16	8.80
15-Nov-03	0.00	0.00	0.00	8.20
16-Nov-03	0.00	0.50	0.06	7.71
17-Nov-03	0.00	6.76	0.88	7.10
18-Nov-03	0.00	16.03	2.08	6.56
19-Nov-03	0.11	192.56	13.78	7.58
20-Nov-03	0.01	0.00	0.00	7.69
21-Nov-03	0.00	0.00	0.00	6.84
22-Nov-03	0.00	0.00	0.00	6.76
23-Nov-03	0.00	0.14	0.01	6.42
24-Nov-03	0.00	0.75	0.05	6.19
25-Nov-03	0.00	0.00	0.00	5.33
26-Nov-03	0.00	0.00	0.00	5.25
27-Nov-03	0.00	0.00	0.00	5.19
28-Nov-03	0.00	0.00	0.00	5.14
29-Nov-03	0.00	0.00	0.00	4.33
30-Nov-03	0.00	0.00	0.00	4.03
1-Dec-03	0.00	0.00	0.00	4.03
2-Dec-03	0.00	0.00	0.00	4.01
3-Dec-03	0.00	0.00	0.00	2.15
4-Dec-03	0.00	0.00	0.00	2.13
5-Dec-03	0.19	0.00	0.00	2.85
6-Dec-03	0.00	0.36	0.01	4.12
7-Dec-03	0.00	4.46	0.18	3.73
8-Dec-03	0.00	4.62	0.19	3.37
9-Dec-03	0.00	0.00	0.00	3.03
10-Dec-03	0.15	0.00	0.00	3.11
11-Dec-03	0.00	0.00	0.00	3.16
12-Dec-03	0.00	0.00	0.00	2.37
13-Dec-03	0.00	0.00	0.00	2.16
14-Dec-03	0.89	5.47	0.23	3.11

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
15-Dec-03	0.00	193.33	8.11	4.30
16-Dec-03	0.58	0.77	0.03	4.40
17-Dec-03	0.10	227.78	9.55	4.78
18-Dec-03	0.00	28.50	1.20	4.49
19-Dec-03	0.00	179.82	7.54	3.77
20-Dec-03	0.00	1.45	0.06	3.27
21-Dec-03	0.00	17.69	0.74	2.96
22-Dec-03	0.00	185.22	7.77	2.80
23-Dec-03	0.00	0.00	0.00	2.68
24-Dec-03	0.00	3.95	0.13	2.59
25-Dec-03	0.00	15.59	0.52	2.48
26-Dec-03	0.00	186.05	6.20	2.40
27-Dec-03	0.00	0.00	0.00	2.29
28-Dec-03	0.00	0.00	0.00	2.19
29-Dec-03	0.00	0.00	0.00	2.10
30-Dec-03	0.00	0.16	0.00	3.78
31-Dec-03	0.00	1.29	0.04	3.61
1-Jan-04	0.00	2.64	0.08	3.51
2-Jan-04	0.00	4.78	0.15	3.46
3-Jan-04	0.00	5.99	0.18	3.55
4-Jan-04	0.00	7.66	0.24	3.45
5-Jan-04	0.00	13.43	0.41	3.57
6-Jan-04	0.00	16.03	0.49	2.14
7-Jan-04	0.00	11.70	0.36	2.01
8-Jan-04	0.00	5.10	0.16	1.93
9-Jan-04	0.00	3.00	0.09	1.92
10-Jan-04	0.00	3.11	0.10	1.89
11-Jan-04	0.00	0.95	0.03	1.69
12-Jan-04	0.00	0.00	0.00	1.75
13-Jan-04	0.00	0.00	0.00	1.78
14-Jan-04	0.00	0.00	0.00	1.96
15-Jan-04	0.00	0.00	0.00	1.92
16-Jan-04	0.00	0.00	0.00	1.92
17-Jan-04	0.00	0.00	0.00	1.88
18-Jan-04	0.94	0.00	0.00	2.73
19-Jan-04	0.01	0.00	0.00	3.44
20-Jan-04	0.00	0.06	0.00	3.19
21-Jan-04	0.00	4.05	0.10	2.35
22-Jan-04	0.00	11.62	0.29	2.21
23-Jan-04	0.00	16.03	0.40	2.03
24-Jan-04	0.00	14.32	0.37	1.90

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
25-Jan-04	0.00	14.30	0.38	1.84
26-Jan-04	0.00	14.28	0.38	1.82
27-Jan-04	0.08	167.98	4.61	2.08
28-Jan-04	0.03	0.00	0.00	2.73
29-Jan-04	0.00	0.00	0.00	2.56
30-Jan-04	0.15	0.44	0.01	3.09
31-Jan-04	0.04	240.18	7.13	6.57
1-Feb-04	0.61	310.83	9.41	7.70
2-Feb-04	0.00	236.43	7.29	6.91
3-Feb-04	0.00	4.80	0.15	6.37
4-Feb-04	0.00	207.65	6.40	5.70
5-Feb-04	0.00	68.95	2.13	5.21
6-Feb-04	0.00	136.30	4.20	4.71
7-Feb-04	0.00	210.39	6.49	5.18
8-Feb-04	0.00	0.04	0.00	5.00
9-Feb-04	0.00	138.84	4.28	4.21
10-Feb-04	0.00	55.93	1.72	3.01
11-Feb-04	0.03	0.40	0.01	2.96
12-Feb-04	0.01	12.81	0.40	2.95
13-Feb-04	0.00	187.52	5.78	0.00
14-Feb-04	0.00	0.00	0.00	0.00
15-Feb-04	0.55	4.90	0.15	0.00
16-Feb-04	0.00	193.63	5.97	0.00
17-Feb-04	0.02	0.00	0.00	0.00
18-Feb-04	0.00	4.66	0.14	0.00
19-Feb-04	0.00	12.65	0.39	2.99
20-Feb-04	0.00	18.66	0.58	3.10
21-Feb-04	0.00	22.71	0.70	3.14
22-Feb-04	0.00	24.71	0.76	3.07
23-Feb-04	0.00	23.09	0.71	3.34
24-Feb-04	0.00	173.43	5.35	3.30
25-Feb-04	2.20	75.91	2.34	5.28
26-Feb-04	0.23	372.79	11.51	10.28
27-Feb-04	0.02	399.31	12.34	9.65
28-Feb-04	0.00	260.33	8.05	7.98
29-Feb-04	0.00	133.05	4.12	6.82
1-Mar-04	0.00	92.01	2.85	6.02
2-Mar-04	0.00	215.74	6.69	5.70
3-Mar-04	0.00	0.87	0.03	5.39
4-Mar-04	0.00	197.02	6.12	5.05
5-Mar-04	0.00	0.00	0.00	4.73

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
6-Mar-04	0.00	3.87	0.12	4.50
7-Mar-04	0.00	192.32	5.99	4.33
8-Mar-04	0.00	2.02	0.06	4.20
9-Mar-04	0.00	0.00	0.00	4.24
10-Mar-04	0.00	0.61	0.02	3.98
11-Mar-04	0.00	3.29	0.10	3.79
12-Mar-04	0.00	2.80	0.09	3.75
13-Mar-04	0.00	0.00	0.00	3.51
14-Mar-04	0.00	0.00	0.00	3.47
15-Mar-04	0.00	0.00	0.00	3.41
16-Mar-04	0.02	0.00	0.00	4.56
17-Mar-04	0.00	0.48	0.01	4.37
18-Mar-04	0.00	0.00	0.00	3.67
19-Mar-04	0.00	0.00	0.00	3.33
20-Mar-04	0.00	0.00	0.00	2.94
21-Mar-04	0.00	0.00	0.00	2.69
22-Mar-04	0.00	0.00	0.00	2.43
23-Mar-04	0.00	0.00	0.00	1.81
24-Mar-04	0.00	0.00	0.00	1.26
25-Mar-04	0.00	0.00	0.00	0.76
26-Mar-04	0.00	0.00	0.00	0.40
27-Mar-04	0.00	0.00	0.00	0.08
28-Mar-04	0.00	0.00	0.00	0.00
29-Mar-04	0.00	0.00	0.00	0.00
30-Mar-04	0.00	0.00	0.00	0.00
31-Mar-04	0.00	0.00	0.00	0.00
1-Apr-04	0.00	0.00	0.00	0.00
2-Apr-04	0.00	0.00	0.00	0.00
3-Apr-04	0.00	0.00	0.00	0.00
4-Apr-04	0.00	0.00	0.00	0.00
5-Apr-04	0.00	0.00	0.00	0.00
6-Apr-04	0.00	2.32	0.07	0.00
7-Apr-04	0.00	1.63	0.05	0.00
8-Apr-04	0.00	0.00	0.00	0.00
9-Apr-04	0.00	0.00	0.00	0.00
10-Apr-04	0.00	0.00	0.00	0.00
11-Apr-04	0.01	0.00	0.00	0.00
12-Apr-04	0.73	0.00	0.00	0.00
13-Apr-04	1.13	0.00	0.00	0.00
14-Apr-04	0.01	0.00	0.00	0.00
15-Apr-04	0.00	0.00	0.00	0.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
16-Apr-04	0.00	0.00	0.00	0.00
17-Apr-04	0.00	0.00	0.00	0.00
18-Apr-04	0.00	0.00	0.00	0.00
19-Apr-04	0.00	0.00	0.00	0.00
20-Apr-04	0.00	0.00	0.00	0.00
21-Apr-04	0.00	0.00	0.00	0.00
22-Apr-04	0.00	0.00	0.00	0.00
23-Apr-04	0.00	0.00	0.00	0.00
24-Apr-04	0.00	0.00	0.00	0.00
25-Apr-04	0.00	0.00	0.00	0.00
26-Apr-04	0.00	0.00	0.00	0.00
27-Apr-04	0.25	0.00	0.00	0.00
28-Apr-04	0.00	0.00	0.00	0.00
29-Apr-04	0.00	0.00	0.00	0.00
30-Apr-04	0.00	0.00	0.00	0.00
1-May-04	0.00	0.00	0.00	0.00
2-May-04	0.07	0.00	0.00	0.00
3-May-04	1.47	0.00	0.00	0.00
4-May-04	0.00	0.00	0.00	0.00
5-May-04	0.00	0.00	0.00	0.00
6-May-04	0.00	1.23	0.04	0.00
7-May-04	0.00	0.00	0.00	0.00
8-May-04	0.00	0.00	0.00	0.00
9-May-04	0.00	0.00	0.00	0.00
10-May-04	0.00	0.00	0.00	0.00
11-May-04	0.00	5.69	0.20	0.00
12-May-04	0.00	0.00	0.00	0.00
13-May-04	0.00	0.00	0.00	0.00
14-May-04	0.00	0.00	0.00	0.00
15-May-04	0.00	0.00	0.00	0.00
16-May-04	0.17	0.00	0.00	0.00
17-May-04	0.00	0.00	0.00	0.00
18-May-04	0.00	0.00	0.00	0.00
19-May-04	0.00	0.00	0.00	0.00
20-May-04	0.00	0.00	0.00	0.00
21-May-04	0.00	0.00	0.00	0.00
22-May-04	0.00	0.00	0.00	0.00
23-May-04	0.00	0.00	0.00	0.00
24-May-04	0.00	0.00	0.00	0.00
25-May-04	0.00	0.00	0.00	0.00
26-May-04	0.00	0.00	0.00	0.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
27-May-04	0.00	0.00	0.00	0.00
28-May-04	0.00	0.00	0.00	0.00
29-May-04	0.00	0.00	0.00	0.00
30-May-04	0.01	0.00	0.00	0.00
31-May-04	0.01	0.00	0.00	0.00
1-Jun-04	3.26	0.00	0.00	0.00
2-Jun-04	0.80	0.00	0.00	0.00
3-Jun-04	0.25	0.00	0.00	0.00
4-Jun-04	0.17	1.69	0.06	0.00
5-Jun-04	0.18	0.00	0.00	0.00
6-Jun-04	0.07	0.00	0.00	3.62
7-Jun-04	0.00	0.00	0.00	4.23
8-Jun-04	0.09	0.00	0.00	2.83
9-Jun-04	1.97	0.00	0.00	4.12
10-Jun-04	0.07	0.00	0.00	11.45
11-Jun-04	0.06	488.89	18.81	11.62
12-Jun-04	0.17	0.00	0.00	9.20
13-Jun-04	0.03	207.23	8.02	7.59
14-Jun-04	0.05	226.71	8.79	6.67
15-Jun-04	0.04	195.73	7.61	9.62
16-Jun-04	0.00	321.60	12.54	8.67
17-Jun-04	0.00	150.96	5.90	7.14
18-Jun-04	0.06	56.97	2.23	5.77
19-Jun-04	0.00	194.76	7.65	5.35
20-Jun-04	0.00	0.00	0.00	4.23
21-Jun-04	0.02	189.52	7.48	3.44
22-Jun-04	0.00	0.00	0.00	3.82
23-Jun-04	0.00	0.00	0.00	3.16
24-Jun-04	0.00	0.00	0.00	2.56
25-Jun-04	0.01	0.00	0.00	2.20
26-Jun-04	0.00	0.00	0.00	2.11
27-Jun-04	0.00	0.00	0.00	1.74
28-Jun-04	0.35	0.00	0.00	2.04
29-Jun-04	0.01	0.00	0.00	2.63
30-Jun-04	0.01	0.00	0.00	2.18
1-Jul-04	0.00	0.00	0.00	1.86
2-Jul-04	0.00	109.65	4.28	1.31
3-Jul-04	0.00	40.66	1.59	0.69
4-Jul-04	0.00	0.00	0.00	0.32
5-Jul-04	1.18	0.00	0.00	1.52
6-Jul-04	0.06	0.00	0.00	4.14

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
7-Jul-04	0.00	0.00	0.00	5.69
8-Jul-04	0.00	161.91	6.28	4.32
9-Jul-04	0.00	2.74	0.11	3.15
10-Jul-04	0.00	0.00	0.00	2.63
11-Jul-04	0.00	0.00	0.00	2.36
12-Jul-04	0.00	0.00	0.00	3.77
13-Jul-04	0.00	0.00	0.00	3.58
14-Jul-04	0.00	0.00	0.00	2.50
15-Jul-04	0.03	0.00	0.00	1.88
16-Jul-04	1.50	0.00	0.00	3.64
17-Jul-04	0.16	0.00	0.00	9.53
18-Jul-04	0.17	202.83	7.79	9.34
19-Jul-04	0.94	247.60	9.50	10.18
20-Jul-04	0.44	198.70	7.61	13.55
21-Jul-04	0.30	227.94	8.73	14.50
22-Jul-04	0.00	289.90	11.09	13.79
23-Jul-04	0.00	185.32	7.60	8.76
24-Jul-04	0.00	212.85	9.31	7.64
25-Jul-04	0.34	191.01	8.88	6.83
26-Jul-04	0.50	29.22	1.44	6.21
27-Jul-04	1.35	391.66	20.36	9.02
28-Jul-04	0.01	635.01	34.77	22.66
29-Jul-04	0.11	423.65	24.36	20.49
30-Jul-04	0.02	401.93	24.22	17.51
31-Jul-04	0.65	434.88	27.40	18.12
1-Aug-04	1.18	535.58	35.22	26.00
2-Aug-04	0.36	997.77	68.35	35.85
3-Aug-04	0.60	1061.51	153.19	40.57
4-Aug-04	0.09	1051.22	151.71	44.64
5-Aug-04	1.06	1131.15	163.25	90.29
6-Aug-04	0.45	1637.18	236.27	120.35
7-Aug-04	0.04	1462.25	211.03	111.37
8-Aug-04	0.01	1199.68	173.14	99.79
9-Aug-04	0.00	1011.61	145.99	85.32
10-Aug-04	1.05	885.24	127.76	80.00
11-Aug-04	0.20	1534.67	221.48	133.65
12-Aug-04	0.01	1386.96	200.16	127.78
13-Aug-04	1.82	1478.92	213.43	133.47
14-Aug-04	0.54	2113.77	305.05	184.72
15-Aug-04	0.01	2047.83	295.54	175.82
16-Aug-04	0.16	1912.92	276.07	163.79

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
17-Aug-04	0.03	1931.96	278.82	164.52
18-Aug-04	2.62	1811.48	277.07	132.92
19-Aug-04	0.01	1884.32	288.21	116.33
20-Aug-04	0.01	1623.23	248.28	101.79
21-Aug-04	0.65	1411.91	215.95	98.39
22-Aug-04	0.10	1798.47	275.08	133.64
23-Aug-04	0.04	1612.70	246.67	115.45
24-Aug-04	0.10	1383.67	188.17	55.17
25-Aug-04	0.32	1733.26	234.26	68.74
26-Aug-04	0.82	1638.43	177.85	154.41
27-Aug-04	0.04	1776.69	192.85	160.98
28-Aug-04	0.01	1708.68	185.47	149.49
29-Aug-04	0.06	1383.51	150.18	134.86
30-Aug-04	0.00	1409.95	153.05	121.77
31-Aug-04	0.62	1173.76	127.41	113.91
1-Sep-04	0.24	1323.61	143.67	118.12
2-Sep-04	0.01	1268.27	137.67	110.12
3-Sep-04	0.49	1032.02	112.02	102.23
4-Sep-04	1.22	1318.51	143.12	120.65
5-Sep-04	1.36	2039.98	221.43	164.51
6-Sep-04	0.81	2316.83	251.48	191.15
7-Sep-04	0.00	2249.65	244.19	188.46
8-Sep-04	0.09	2106.60	228.66	179.88
9-Sep-04	0.00	1940.95	210.68	170.22
10-Sep-04	0.00	1808.11	240.87	126.70
11-Sep-04	0.00	1603.97	213.68	115.39
12-Sep-04	0.00	1486.02	197.96	104.21
13-Sep-04	0.02	1246.81	166.10	95.57
14-Sep-04	0.00	1117.35	148.85	88.03
15-Sep-04	0.02	1016.63	127.91	55.83
16-Sep-04	0.04	896.11	112.74	51.78
17-Sep-04	1.32	768.44	96.68	48.21
18-Sep-04	0.00	681.92	85.80	44.44
19-Sep-04	0.00	709.77	89.30	41.69
20-Sep-04	0.19	752.57	94.68	39.90
21-Sep-04	0.08	612.60	63.47	32.37
22-Sep-04	0.04	511.91	53.04	30.44
23-Sep-04	0.02	552.77	57.27	28.19
24-Sep-04	0.00	523.38	54.23	26.19
25-Sep-04	0.46	555.81	57.59	25.65
26-Sep-04	0.38	692.53	71.75	29.21

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
27-Sep-04	0.01	384.83	39.87	28.61
28-Sep-04	0.20	500.13	51.82	26.26
29-Sep-04	0.36	650.36	67.39	29.90
30-Sep-04	0.10	732.36	75.88	31.34
1-Oct-04	0.01	701.91	98.70	30.02
2-Oct-04	0.00	444.85	62.55	26.65
3-Oct-04	0.00	523.10	73.56	24.09
4-Oct-04	0.00	291.41	40.98	21.74
5-Oct-04	0.00	379.38	53.35	20.83
6-Oct-04	0.02	268.96	37.82	19.60
7-Oct-04	0.15	259.16	20.78	16.82
8-Oct-04	0.00	409.94	32.87	16.59
9-Oct-04	0.00	181.17	14.53	14.94
10-Oct-04	0.00	193.07	15.48	13.21
11-Oct-04	0.05	259.38	20.80	12.28
12-Oct-04	0.02	233.63	18.73	12.35
13-Oct-04	0.00	87.49	7.01	11.30
14-Oct-04	0.00	197.65	39.50	6.83
15-Oct-04	0.16	226.41	45.24	6.91
16-Oct-04	0.00	59.33	11.85	6.56
17-Oct-04	0.00	147.55	29.48	6.15
18-Oct-04	0.00	158.28	31.63	5.73
19-Oct-04	1.62	38.38	7.67	6.09
20-Oct-04	1.42	0.69	0.05	9.43
21-Oct-04	0.01	468.60	34.10	12.30
22-Oct-04	0.00	279.85	20.37	10.84
23-Oct-04	0.00	241.59	17.58	9.35
24-Oct-04	0.00	154.43	11.24	8.39
25-Oct-04	0.00	219.99	16.01	7.80
26-Oct-04	0.00	24.18	1.76	7.35
27-Oct-04	0.00	208.66	12.35	8.04
28-Oct-04	0.00	2.50	0.15	7.69
29-Oct-04	0.00	187.64	11.11	7.30
30-Oct-04	0.00	0.32	0.02	7.01
31-Oct-04	0.00	145.35	8.61	6.65
1-Nov-04	0.00	56.01	3.32	6.47
2-Nov-04	0.00	1.27	0.08	6.28
3-Nov-04	0.00	16.84	1.00	6.06
4-Nov-04	0.00	183.97	6.81	5.65
5-Nov-04	0.02	0.00	0.00	5.73
6-Nov-04	0.00	0.30	0.01	5.41

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
7-Nov-04	0.00	8.21	0.30	5.20
8-Nov-04	0.00	11.07	0.41	5.06
9-Nov-04	0.00	2.16	0.08	4.80
10-Nov-04	0.00	1.67	0.12	5.50
11-Nov-04	0.00	1.59	0.12	5.18
12-Nov-04	0.00	0.77	0.06	5.13
13-Nov-04	0.00	0.00	0.00	4.95
14-Nov-04	0.18	0.02	0.00	5.49
15-Nov-04	0.01	0.46	0.03	6.13
16-Nov-04	0.00	0.04	0.00	5.58
17-Nov-04	0.27	0.06	0.00	4.19
18-Nov-04	0.00	0.00	0.00	4.13
19-Nov-04	0.00	0.00	0.00	4.10
20-Nov-04	0.00	0.00	0.00	4.14
21-Nov-04	0.00	0.00	0.00	3.98
22-Nov-04	0.00	0.00	0.00	3.90
23-Nov-04	0.00	0.00	0.00	3.84
24-Nov-04	0.01	0.00	0.00	3.82
25-Nov-04	0.14	0.00	0.00	4.26
26-Nov-04	0.00	0.00	0.00	4.22
27-Nov-04	0.18	0.00	0.00	4.06
28-Nov-04	0.00	0.00	0.00	4.63
29-Nov-04	0.00	0.00	0.00	4.14
30-Nov-04	0.00	0.00	0.00	3.82
1-Dec-04	0.00	28.86	2.06	3.55
2-Dec-04	0.00	0.00	0.00	3.03
3-Dec-04	0.00	0.00	0.00	2.98
4-Dec-04	0.00	0.00	0.00	2.72
5-Dec-04	0.00	0.00	0.00	2.35
6-Dec-04	0.00	0.00	0.00	2.11
7-Dec-04	0.00	0.00	0.00	2.01
8-Dec-04	0.00	0.00	0.00	1.68
9-Dec-04	0.00	0.00	0.00	1.56
10-Dec-04	0.30	0.00	0.00	1.92
11-Dec-04	0.00	0.00	0.00	3.01
12-Dec-04	0.00	0.00	0.00	2.25
13-Dec-04	0.00	0.00	0.00	1.86
14-Dec-04	0.00	0.00	0.00	1.72
15-Dec-04	0.00	0.00	0.00	1.37
16-Dec-04	0.00	0.00	0.00	1.14
17-Dec-04	0.00	0.00	0.00	1.22

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
18-Dec-04	0.00	0.00	0.00	1.38
19-Dec-04	0.00	0.00	0.00	1.32
20-Dec-04	0.00	0.00	0.00	0.98
21-Dec-04	0.00	0.00	0.00	0.57
22-Dec-04	0.00	0.00	0.00	0.48
23-Dec-04	0.00	0.00	0.00	0.53
24-Dec-04	0.04	0.00	0.00	0.85
25-Dec-04	0.68	0.00	0.00	1.42
26-Dec-04	0.01	0.00	0.00	3.25
27-Dec-04	0.00	0.00	0.00	2.48
28-Dec-04	0.00	21.16	1.42	2.24
29-Dec-04	0.00	0.00	0.00	2.06
30-Dec-04	0.00	0.00	0.00	1.83
31-Dec-04	0.13	0.00	0.00	1.99
1-Jan-05	0.00	0.00	0.00	2.01
2-Jan-05	0.00	0.00	0.00	1.75
3-Jan-05	0.00	0.00	0.00	1.56
4-Jan-05	0.00	0.00	0.00	1.40
5-Jan-05	0.00	21.48	1.41	1.27
6-Jan-05	0.06	0.00	0.00	1.17
7-Jan-05	0.00	0.00	0.00	1.53
8-Jan-05	0.00	0.00	0.00	1.32
9-Jan-05	0.00	0.00	0.00	1.10
10-Jan-05	0.00	0.00	0.00	0.94
11-Jan-05	0.00	0.00	0.00	0.94
12-Jan-05	0.00	0.00	0.00	0.74
13-Jan-05	0.00	0.00	0.00	0.56
14-Jan-05	0.67	0.00	0.00	2.47
15-Jan-05	0.00	0.00	0.00	5.67
16-Jan-05	0.00	0.00	0.00	5.01
17-Jan-05	0.00	0.00	0.00	4.15
18-Jan-05	0.00	0.00	0.00	3.75
19-Jan-05	0.00	0.00	0.00	3.37
20-Jan-05	0.00	0.00	0.00	3.19
21-Jan-05	0.00	0.00	0.00	2.58
22-Jan-05	0.00	0.00	0.00	2.35
23-Jan-05	0.02	0.00	0.00	2.29
24-Jan-05	0.00	0.00	0.00	2.04
25-Jan-05	0.01	0.00	0.00	2.11
26-Jan-05	0.00	0.00	0.00	1.97
27-Jan-05	0.00	0.00	0.00	1.54

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
28-Jan-05	0.01	0.00	0.00	1.33
29-Jan-05	0.00	0.00	0.00	1.16
30-Jan-05	0.00	0.00	0.00	1.13
31-Jan-05	0.00	0.00	0.00	0.97
1-Feb-05	0.00	0.00	0.00	0.76
2-Feb-05	0.00	0.00	0.00	0.60
3-Feb-05	0.00	0.00	0.00	0.50
4-Feb-05	0.00	0.00	0.00	0.50
5-Feb-05	0.00	0.00	0.00	0.38
6-Feb-05	0.00	0.00	0.00	0.17
7-Feb-05	0.00	0.00	0.00	0.08
8-Feb-05	0.00	0.00	0.00	0.02
9-Feb-05	0.00	0.00	0.00	0.00
10-Feb-05	0.00	0.00	0.00	0.00
11-Feb-05	0.00	4.05	0.24	0.00
12-Feb-05	0.00	0.00	0.00	0.00
13-Feb-05	0.00	0.00	0.00	0.00
14-Feb-05	0.00	0.00	0.00	0.00
15-Feb-05	0.00	0.00	0.00	0.00
16-Feb-05	0.00	0.00	0.00	0.00
17-Feb-05	0.00	0.00	0.00	0.00
18-Feb-05	0.00	0.00	0.00	0.00
19-Feb-05	0.00	0.00	0.00	0.00
20-Feb-05	0.00	0.00	0.00	0.00
21-Feb-05	0.00	0.00	0.00	0.00
22-Feb-05	0.00	0.00	0.00	0.00
23-Feb-05	0.00	0.00	0.00	0.00
24-Feb-05	0.01	0.00	0.00	0.00
25-Feb-05	0.37	0.00	0.00	0.00
26-Feb-05	0.00	0.00	0.00	0.00
27-Feb-05	0.41	0.00	0.00	0.00
28-Feb-05	0.00	0.00	0.00	0.00
1-Mar-05	0.00	0.00	0.00	0.00
2-Mar-05	0.00	0.00	0.00	0.00
3-Mar-05	0.50	2.20	0.14	0.00
4-Mar-05	0.22	0.00	0.00	0.00
5-Mar-05	0.00	0.00	0.00	0.00
6-Mar-05	0.00	0.00	0.00	0.00
7-Mar-05	0.00	0.00	0.00	0.00
8-Mar-05	0.05	0.00	0.00	0.00
9-Mar-05	1.98	0.00	0.00	1.80

Daily Date	Feeder Canal Basin	S-190		WWEIR
	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
10-Mar-05	0.01	0.00	0.00	6.16
11-Mar-05	0.00	12.50	0.79	5.01
12-Mar-05	0.00	190.87	12.01	4.08
13-Mar-05	0.00	0.00	0.00	3.49
14-Mar-05	0.00	0.00	0.00	3.27
15-Mar-05	0.00	0.00	0.00	2.98
16-Mar-05	0.00	0.00	0.00	2.60
17-Mar-05	1.99	162.74	9.23	4.53
18-Mar-05	0.06	206.64	11.72	11.15
19-Mar-05	0.00	225.14	12.77	8.26
20-Mar-05	0.00	209.26	11.87	6.60
21-Mar-05	0.00	1.15	0.07	5.90
22-Mar-05	0.01	199.46	11.32	5.19
23-Mar-05	0.22	0.14	0.01	4.54
24-Mar-05	0.00	189.18	12.60	5.18
25-Mar-05	0.00	11.19	0.75	4.32
26-Mar-05	0.19	1.17	0.08	3.97
27-Mar-05	0.00	17.95	1.20	4.16
28-Mar-05	0.02	183.65	12.23	3.81
29-Mar-05	0.00	0.00	0.00	3.29
30-Mar-05	0.00	0.00	0.00	2.77
31-Mar-05	0.00	0.00	0.00	2.43
1-Apr-05	0.00	0.00	0.00	2.16
2-Apr-05	0.28	0.28	0.01	2.59
3-Apr-05	0.00	0.61	0.03	2.35
4-Apr-05	0.00	0.00	0.00	1.77
5-Apr-05	0.00	0.18	0.01	1.40
6-Apr-05	0.00	7.83	0.40	0.83
7-Apr-05	0.46	0.04	0.00	0.74
8-Apr-05	0.23	2.80	0.14	2.08
9-Apr-05	0.00	14.46	0.74	1.78
10-Apr-05	0.00	16.96	0.86	1.33
11-Apr-05	0.00	9.60	0.49	0.92
12-Apr-05	0.00	0.75	0.04	0.63
13-Apr-05	0.25	0.04	0.00	0.49
14-Apr-05	0.01	0.00	0.00	0.41
15-Apr-05	0.00	0.00	0.00	0.20
16-Apr-05	0.00	0.00	0.00	0.00
17-Apr-05	0.00	0.00	0.00	0.00
18-Apr-05	0.00	0.00	0.00	0.00
19-Apr-05	0.00	0.00	0.00	0.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
20-Apr-05	0.00	0.00	0.00	0.00
21-Apr-05	0.00	0.18	0.01	0.00
22-Apr-05	0.00	0.00	0.00	0.00
23-Apr-05	0.00	0.00	0.00	0.00
24-Apr-05	0.08	0.00	0.00	0.00
25-Apr-05	0.00	0.00	0.00	0.00
26-Apr-05	0.01	0.00	0.00	0.00
27-Apr-05	0.08	0.00	0.00	0.00
28-Apr-05	0.00	0.00	0.00	0.00
29-Apr-05	0.00	0.00	0.00	0.00
30-Apr-05	0.00	0.00	0.00	0.00
1-May-05	0.00	0.00	0.00	0.00
2-May-05	0.00	0.00	0.00	0.00
3-May-05	0.43	0.00	0.00	0.00
4-May-05	1.29	0.00	0.00	0.00
5-May-05	0.02	0.00	0.00	1.63
6-May-05	0.00	0.00	0.00	2.83
7-May-05	0.00	0.00	0.00	2.30
8-May-05	0.00	0.00	0.00	1.70
9-May-05	0.00	0.00	0.00	1.24
10-May-05	0.00	0.00	0.00	0.66
11-May-05	0.00	0.00	0.00	0.44
12-May-05	0.00	0.00	0.00	0.12
13-May-05	0.00	0.00	0.00	0.00
14-May-05	0.00	0.00	0.00	0.00
15-May-05	0.00	0.00	0.00	0.00
16-May-05	0.00	0.00	0.00	0.00
17-May-05	0.00	14.14	0.64	0.00
18-May-05	0.00	0.00	0.00	0.00
19-May-05	0.00	0.00	0.00	0.00
20-May-05	0.00	0.00	0.00	0.00
21-May-05	0.02	0.00	0.00	0.00
22-May-05	1.05	0.00	0.00	0.00
23-May-05	0.00	0.00	0.00	0.00
24-May-05	0.00	0.00	0.00	0.00
25-May-05	0.00	0.00	0.00	0.00
26-May-05	0.02	0.00	0.00	0.00
27-May-05	0.00	0.00	0.00	0.00
28-May-05	0.00	0.00	0.00	0.00
29-May-05	0.00	0.00	0.00	0.00
30-May-05	0.10	0.00	0.00	0.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
31-May-05	0.77	0.00	0.00	0.00
1-Jun-05	1.08	0.00	0.00	0.00
2-Jun-05	1.09	0.00	0.00	1.69
3-Jun-05	1.10	0.00	0.00	3.69
4-Jun-05	0.19	242.84	21.27	4.96
5-Jun-05	1.58	273.84	23.98	4.55
6-Jun-05	1.39	454.67	39.82	4.92
7-Jun-05	0.31	592.66	51.90	5.58
8-Jun-05	0.00	626.98	54.91	6.33
9-Jun-05	0.35	763.30	114.86	6.32
10-Jun-05	2.29	1107.51	166.66	15.68
11-Jun-05	0.30	1294.53	194.81	26.97
12-Jun-05	0.04	1393.51	209.70	26.41
13-Jun-05	0.00	1185.58	178.41	26.53
14-Jun-05	0.00	791.48	119.11	21.38
15-Jun-05	0.00	742.25	111.70	17.51
16-Jun-05	0.00	809.87	207.78	14.40
17-Jun-05	0.00	781.88	200.60	12.34
18-Jun-05	0.00	366.31	93.98	9.92
19-Jun-05	0.01	503.70	129.23	8.17
20-Jun-05	1.20	650.72	166.95	10.13
21-Jun-05	0.05	782.74	200.82	14.73
22-Jun-05	1.17	766.53	196.66	13.41
23-Jun-05	1.23	1286.56	250.74	17.35
24-Jun-05	1.75	2149.69	418.95	40.23
25-Jun-05	0.01	2789.59	543.66	78.57
26-Jun-05	0.50	2265.48	441.52	79.96
27-Jun-05	2.41	2366.52	461.21	88.27
28-Jun-05	0.41	2663.66	519.12	108.64
29-Jun-05	0.07	2528.73	492.82	120.02
30-Jun-05	0.39	2452.84	665.62	114.34
1-Jul-05	0.08	2362.85	641.20	102.61
2-Jul-05	0.00	2033.49	551.82	82.26
3-Jul-05	0.02	1711.97	464.57	67.40
4-Jul-05	0.00	1484.91	402.95	55.64
5-Jul-05	0.00	1317.44	357.51	43.90
6-Jul-05	0.00	1209.22	328.14	35.39
7-Jul-05	0.00	1044.56	304.07	28.44
8-Jul-05	1.54	894.09	260.27	30.06
9-Jul-05	3.24	2493.90	725.98	79.14
10-Jul-05	0.03	2702.94	786.83	95.96

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
11-Jul-05	0.00	2360.43	687.13	91.82
12-Jul-05	0.08	2136.38	621.90	79.44
13-Jul-05	0.00	1986.90	578.39	69.98
14-Jul-05	0.00	1762.65	358.74	51.11
15-Jul-05	0.00	1533.70	312.15	45.16
16-Jul-05	1.29	1492.78	303.82	48.75
17-Jul-05	0.01	2069.59	421.21	69.79
18-Jul-05	0.00	1919.94	390.75	66.83
19-Jul-05	0.00	1738.47	353.82	59.42
20-Jul-05	0.23	1485.10	302.26	52.37
21-Jul-05	0.00	1321.25	311.28	46.92
22-Jul-05	0.00	1097.14	258.48	41.66
23-Jul-05	0.00	1002.07	236.08	36.70
24-Jul-05	0.02	799.56	188.37	31.91
25-Jul-05	0.00	644.01	151.73	28.41
26-Jul-05	0.12	729.96	171.97	26.34
27-Jul-05	0.00	625.23	147.30	24.59
28-Jul-05	0.02	362.14	50.92	20.99
29-Jul-05	0.00	533.57	75.03	13.18
30-Jul-05	0.23	358.47	50.41	12.78
31-Jul-05	0.84	437.71	61.55	13.10
1-Aug-05	0.02	444.34	62.48	12.61
2-Aug-05	0.07	544.64	76.59	13.36
3-Aug-05	0.05	484.64	68.15	13.56
4-Aug-05	0.65	614.90	66.74	13.41
5-Aug-05	1.16	787.44	85.47	14.50
6-Aug-05	0.53	628.03	68.17	14.96
7-Aug-05	0.63	751.85	81.61	14.86
8-Aug-05	0.00	777.50	84.39	18.22
9-Aug-05	0.14	720.89	78.25	14.06
10-Aug-05	0.14	621.76	67.49	13.31
11-Aug-05	0.29	561.42	85.87	13.93
12-Aug-05	0.02	787.26	120.41	13.67
13-Aug-05	0.01	562.33	86.01	12.61
14-Aug-05	1.74	553.59	84.67	0.00
15-Aug-05	0.00	1709.04	261.40	0.00
16-Aug-05	0.00	1512.02	231.27	0.00
17-Aug-05	0.00	1149.08	175.75	22.37
18-Aug-05	0.04	870.49	152.47	20.72
19-Aug-05	1.09	811.68	142.17	20.55
20-Aug-05	0.01	754.59	132.17	24.09

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
21-Aug-05	0.00	646.31	113.20	22.34
22-Aug-05	0.00	504.40	88.35	20.47
23-Aug-05	0.08	532.28	93.23	20.43
24-Aug-05	0.01	915.00	160.27	23.11
25-Aug-05	0.50	887.96	164.29	23.92
26-Aug-05	0.36	882.15	163.22	23.52
27-Aug-05	1.20	889.96	164.66	25.47
28-Aug-05	0.00	1516.20	280.53	26.78
29-Aug-05	0.00	1399.14	258.87	24.08
30-Aug-05	0.00	1213.98	224.61	21.61
31-Aug-05	0.07	920.61	170.33	17.90
1-Sep-05	0.00	718.20	132.00	18.51
2-Sep-05	2.76	993.90	182.67	21.96
3-Sep-05	0.00	1896.93	348.63	38.56
4-Sep-05	0.04	1658.62	304.84	29.72
5-Sep-05	0.75	1410.72	259.28	24.43
6-Sep-05	0.45	1645.51	302.43	23.02
7-Sep-05	0.14	1363.14	250.53	21.26
8-Sep-05	0.00	1301.89	203.94	19.96
9-Sep-05	0.00	1097.36	171.90	16.69
10-Sep-05	0.00	832.68	130.44	17.30
11-Sep-05	0.00	665.99	104.33	15.66
12-Sep-05	0.00	495.31	77.59	13.95
13-Sep-05	0.00	567.75	88.94	12.75
14-Sep-05	0.00	330.66	51.80	14.81
15-Sep-05	0.00	228.52	25.09	13.10
16-Sep-05	0.00	367.62	40.36	11.31
17-Sep-05	0.00	167.44	18.38	10.24
18-Sep-05	0.06	159.83	17.55	9.58
19-Sep-05	0.12	173.53	19.05	9.85
20-Sep-05	0.70	341.73	37.52	10.91
21-Sep-05	0.06	261.40	28.70	10.68
22-Sep-05	0.02	275.37	34.65	9.54
23-Sep-05	0.00	238.55	30.01	7.82
24-Sep-05	0.00	244.28	30.73	7.47
25-Sep-05	0.00	277.53	34.92	6.90
26-Sep-05	1.77	140.61	17.69	8.00
27-Sep-05	0.21	332.21	41.80	9.43
28-Sep-05	0.23	273.28	34.38	7.88
29-Sep-05	0.03	484.86	52.63	8.10
30-Sep-05	0.00	213.56	23.18	7.29

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
1-Oct-05	0.03	367.34	39.87	7.26
2-Oct-05	0.15	309.72	33.62	7.81
3-Oct-05	0.08	272.77	29.61	8.19
4-Oct-05	0.90	383.74	41.65	9.08
5-Oct-05	0.02	631.93	68.59	11.59
6-Oct-05	0.51	425.32	64.53	12.83
7-Oct-05	1.07	954.60	144.83	15.30
8-Oct-05	0.00	1205.43	182.89	16.14
9-Oct-05	0.03	1121.81	170.20	14.19
10-Oct-05	0.01	759.05	115.16	13.11
11-Oct-05	0.01	589.37	89.42	12.21
12-Oct-05	0.00	402.11	61.01	11.47
13-Oct-05	0.00	341.18	51.17	15.00
14-Oct-05	0.00	332.39	49.69	14.23
15-Oct-05	0.02	327.95	48.86	13.56
16-Oct-05	0.00	383.76	56.98	12.83
17-Oct-05	0.00	151.24	22.38	12.01
18-Oct-05	0.00	158.72	23.41	11.02
19-Oct-05	0.09	298.87	46.08	10.13
20-Oct-05	0.05	256.68	39.58	20.33
21-Oct-05	0.04	337.25	52.00	16.83
22-Oct-05	0.01	227.35	35.05	12.17
23-Oct-05	0.00	441.68	68.10	14.71
24-Oct-05	5.27	1110.82	171.27	65.88
25-Oct-05	0.00	1402.49	216.24	81.98
26-Oct-05	0.00	1541.77	237.72	74.20
27-Oct-05	0.00	1301.36	200.65	70.65
28-Oct-05	0.00	1193.93	184.09	64.68
29-Oct-05	0.00	791.31	122.01	59.05
30-Oct-05	0.00	591.31	91.17	53.56
31-Oct-05	0.00	678.13	104.56	47.78
1-Nov-05	0.47	557.59	85.97	49.55
2-Nov-05	0.00	654.21	100.87	59.83
3-Nov-05	0.00	708.12	153.73	54.41
4-Nov-05	0.00	564.73	122.60	49.00
5-Nov-05	0.00	615.75	133.67	45.71
6-Nov-05	0.00	433.88	94.19	43.23
7-Nov-05	0.00	462.55	100.42	41.62
8-Nov-05	0.00	457.63	99.35	39.49
9-Nov-05	0.00	287.68	62.45	21.01
10-Nov-05	0.00	233.06	46.00	18.98

Daily Date	Feeder Canal Basin	S-190		WWEIR
	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
11-Nov-05	0.00	402.43	79.42	18.33
12-Nov-05	0.00	234.39	46.26	18.30
13-Nov-05	0.00	158.34	31.25	17.94
14-Nov-05	0.04	125.67	24.80	17.48
15-Nov-05	0.01	343.12	67.72	16.95
16-Nov-05	0.00	65.51	12.93	13.78
17-Nov-05	0.00	181.27	17.89	13.39
18-Nov-05	0.02	130.57	12.88	13.07
19-Nov-05	0.18	190.04	18.75	11.98
20-Nov-05	0.00	180.02	17.76	10.78
21-Nov-05	0.26	175.68	17.34	8.66
22-Nov-05	0.00	192.54	19.00	8.52
23-Nov-05	0.00	280.19	23.50	5.12
24-Nov-05	0.00	206.84	17.35	4.75
25-Nov-05	0.00	130.83	10.97	4.68
26-Nov-05	0.00	89.75	7.53	4.50
27-Nov-05	0.00	144.69	12.14	4.61
28-Nov-05	0.00	107.74	9.04	4.40
29-Nov-05	0.48	166.67	13.98	6.26
30-Nov-05	0.00	66.70	5.59	7.31
1-Dec-05	0.00	140.87	10.77	5.33
2-Dec-05	0.00	120.83	9.24	5.09
3-Dec-05	0.00	0.00	0.00	4.80
4-Dec-05	0.00	11.82	0.90	4.78
5-Dec-05	0.00	81.10	6.20	4.72
6-Dec-05	0.00	0.00	0.00	4.87
7-Dec-05	0.08	0.00	0.00	5.03
8-Dec-05	0.00	0.00	0.00	5.36
9-Dec-05	0.00	0.00	0.00	4.95
10-Dec-05	0.00	0.00	0.00	5.07
11-Dec-05	0.00	0.00	0.00	5.19
12-Dec-05	0.00	0.00	0.00	5.04
13-Dec-05	0.00	0.00	0.00	4.11
14-Dec-05	0.00	122.92	8.55	4.16
15-Dec-05	0.00	0.00	0.00	4.32
16-Dec-05	0.00	0.00	0.00	4.24
17-Dec-05	0.00	0.00	0.00	4.18
18-Dec-05	0.00	0.91	0.06	4.27
19-Dec-05	0.01	8.67	0.58	4.43
20-Dec-05	0.01	18.94	1.25	5.47
21-Dec-05	0.00	191.94	12.55	5.35

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
22-Dec-05	0.00	0.00	0.00	5.07
23-Dec-05	0.00	0.00	0.00	5.04
24-Dec-05	0.00	0.00	0.00	5.10
25-Dec-05	0.01	0.12	0.01	5.31
26-Dec-05	0.00	2.28	0.14	5.40
27-Dec-05	0.00	2.42	0.15	5.38
28-Dec-05	0.00	0.00	0.00	5.38
29-Dec-05	0.04	0.00	0.00	5.47
30-Dec-05	0.00	0.00	0.00	4.87
31-Dec-05	0.00	0.04	0.00	4.88
1-Jan-06	0.00	0.52	0.03	5.06
2-Jan-06	0.00	2.04	0.12	5.36
3-Jan-06	0.00	5.77	0.33	5.43
4-Jan-06	0.00	1.51	0.09	5.30
5-Jan-06	0.00	0.00	0.00	5.33
6-Jan-06	0.00	0.00	0.00	4.99
7-Jan-06	0.00	0.00	0.00	4.89
8-Jan-06	0.00	0.00	0.00	4.96
9-Jan-06	0.00	0.00	0.00	4.97
10-Jan-06	0.00	0.00	0.00	4.31
11-Jan-06	0.00	0.00	0.00	4.21
12-Jan-06	0.00	0.00	0.00	4.19
13-Jan-06	0.05	11.31	0.58	4.15
14-Jan-06	0.00	0.00	0.00	4.07
15-Jan-06	0.00	0.00	0.00	3.24
16-Jan-06	0.00	0.00	0.00	3.02
17-Jan-06	0.00	0.00	0.00	2.84
18-Jan-06	0.12	0.00	0.00	4.23
19-Jan-06	0.00	0.00	0.00	4.09
20-Jan-06	0.04	0.00	0.00	3.98
21-Jan-06	0.00	0.00	0.00	3.95
22-Jan-06	0.00	0.00	0.00	3.86
23-Jan-06	0.00	0.00	0.00	3.82
24-Jan-06	0.00	0.00	0.00	3.64
25-Jan-06	0.00	0.00	0.00	3.31
26-Jan-06	0.00	0.00	0.00	3.20
27-Jan-06	0.00	0.00	0.00	2.58
28-Jan-06	0.00	0.00	0.00	2.31
29-Jan-06	0.00	0.00	0.00	2.15
30-Jan-06	0.03	0.00	0.00	2.19
31-Jan-06	0.00	0.00	0.00	1.99

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
1-Feb-06	0.00	0.00	0.00	1.10
2-Feb-06	0.00	0.00	0.00	0.79
3-Feb-06	0.89	0.00	0.00	0.68
4-Feb-06	1.37	0.00	0.00	6.32
5-Feb-06	0.00	0.00	0.00	6.92
6-Feb-06	0.00	0.00	0.00	5.44
7-Feb-06	0.00	8.91	0.36	4.80
8-Feb-06	0.00	211.02	8.59	4.20
9-Feb-06	0.00	0.00	0.00	3.74
10-Feb-06	0.00	0.00	0.00	2.53
11-Feb-06	0.00	0.02	0.00	2.50
12-Feb-06	0.01	1.35	0.05	2.41
13-Feb-06	0.00	2.24	0.09	2.27
14-Feb-06	0.00	0.58	0.02	2.31
15-Feb-06	0.00	5.47	0.22	2.37
16-Feb-06	0.00	7.06	0.23	2.64
17-Feb-06	0.00	4.42	0.14	2.67
18-Feb-06	0.00	0.00	0.00	2.52
19-Feb-06	0.00	0.02	0.00	2.41
20-Feb-06	0.00	1.61	0.05	2.37
21-Feb-06	0.00	0.00	0.00	2.35
22-Feb-06	0.00	0.00	0.00	2.27
23-Feb-06	0.00	0.00	0.00	2.26
24-Feb-06	0.00	0.00	0.00	3.50
25-Feb-06	0.49	0.00	0.00	3.42
26-Feb-06	0.09	0.00	0.00	3.85
27-Feb-06	0.00	0.00	0.00	3.57
28-Feb-06	0.00	0.00	0.00	3.26
1-Mar-06	0.00	0.00	0.00	2.71
2-Mar-06	0.00	136.30	4.53	2.12
3-Mar-06	0.00	0.00	0.00	1.73
4-Mar-06	0.00	0.00	0.00	1.30
5-Mar-06	0.00	0.00	0.00	0.87
6-Mar-06	0.00	0.00	0.00	0.49
7-Mar-06	0.00	0.00	0.00	0.22
8-Mar-06	0.00	0.00	0.00	0.01
9-Mar-06	0.00	0.00	0.00	0.00
10-Mar-06	0.00	0.00	0.00	0.00
11-Mar-06	0.00	0.00	0.00	0.00
12-Mar-06	0.00	0.00	0.00	0.00
13-Mar-06	0.00	0.00	0.00	0.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
14-Mar-06	0.00	0.00	0.00	0.00
15-Mar-06	0.00	0.00	0.00	0.00
16-Mar-06	0.00	0.00	0.00	0.00
17-Mar-06	0.00	0.00	0.00	0.00
18-Mar-06	0.00	0.00	0.00	0.00
19-Mar-06	0.00	0.00	0.00	0.00
20-Mar-06	0.00	0.00	0.00	0.00
21-Mar-06	0.00	0.00	0.00	0.00
22-Mar-06	0.00	0.00	0.00	0.00
23-Mar-06	0.76	0.00	0.00	0.00
24-Mar-06	0.00	0.00	0.00	0.00
25-Mar-06	0.00	0.00	0.00	0.00
26-Mar-06	0.00	0.00	0.00	0.00
27-Mar-06	0.00	0.00	0.00	0.00
28-Mar-06	0.00	0.00	0.00	0.00
29-Mar-06	0.00	0.00	0.00	0.00
30-Mar-06	0.00	0.00	0.00	0.00
31-Mar-06	0.00	0.00	0.00	0.00
1-Apr-06	0.00	0.00	0.00	0.00
2-Apr-06	0.00	0.00	0.00	0.00
3-Apr-06	0.00	0.00	0.00	0.00
4-Apr-06	0.00	0.00	0.00	0.00
5-Apr-06	0.00	0.00	0.00	0.00
6-Apr-06	0.00	0.00	0.00	0.00
7-Apr-06	0.00	0.00	0.00	0.00
8-Apr-06	0.00	0.00	0.00	0.00
9-Apr-06	0.01	0.00	0.00	0.00
10-Apr-06	0.33	0.00	0.00	0.00
11-Apr-06	0.00	0.00	0.00	0.00
12-Apr-06	0.00	0.00	0.00	0.00
13-Apr-06	0.00	0.00	0.00	0.00
14-Apr-06	0.00	0.00	0.00	0.00
15-Apr-06	0.00	0.00	0.00	0.00
16-Apr-06	0.00	0.00	0.00	0.00
17-Apr-06	0.00	0.00	0.00	0.00
18-Apr-06	0.00	0.00	0.00	0.00
19-Apr-06	0.00	0.00	0.00	0.00
20-Apr-06	0.00	0.00	0.00	0.00
21-Apr-06	0.06	0.00	0.00	0.00
22-Apr-06	0.01	0.00	0.00	0.00
23-Apr-06	0.05	0.00	0.00	0.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
24-Apr-06	0.00	1.65	0.06	0.00
25-Apr-06	0.56	0.00	0.00	0.00
26-Apr-06	0.51	0.00	0.00	0.00
27-Apr-06	0.01	0.00	0.00	0.00
28-Apr-06	0.00	0.00	0.00	0.00
29-Apr-06	0.00	0.00	0.00	0.00
30-Apr-06	0.00	0.00	0.00	0.00
1-May-06	0.00	4.05	0.15	0.00
2-May-06	0.00	0.42	0.02	0.00
3-May-06	0.00	1.90	0.07	0.00
4-May-06	0.00	0.00	0.00	0.00
5-May-06	0.00	0.00	0.00	0.00
6-May-06	0.00	0.00	0.00	0.00
7-May-06	0.00	0.00	0.00	0.00
8-May-06	0.00	56.99	2.19	0.00
9-May-06	0.03	0.00	0.00	0.00
10-May-06	0.01	0.00	0.00	0.00
11-May-06	0.00	0.00	0.00	0.00
12-May-06	0.02	0.00	0.00	0.00
13-May-06	0.00	0.00	0.00	0.00
14-May-06	0.00	0.00	0.00	0.00
15-May-06	0.27	0.00	0.00	0.00
16-May-06	3.01	0.00	0.00	0.00
17-May-06	0.00	0.00	0.00	0.00
18-May-06	0.00	0.00	0.00	0.00
19-May-06	0.00	0.00	0.00	0.00
20-May-06	0.00	0.00	0.00	0.00
21-May-06	0.00	0.00	0.00	0.00
22-May-06	0.00	0.00	0.00	0.00
23-May-06	0.01	0.00	0.00	0.00
24-May-06	0.00	0.00	0.00	0.00
25-May-06	0.50	0.00	0.00	0.00
26-May-06	0.39	0.00	0.00	0.00
27-May-06	0.03	0.00	0.00	0.00
28-May-06	0.00	0.00	0.00	0.00
29-May-06	0.00	0.00	0.00	0.00
30-May-06	0.00	0.00	0.00	0.00
31-May-06	0.01	0.00	0.00	0.00
1-Jun-06	0.03	0.00	0.00	0.00
2-Jun-06	0.02	0.00	0.00	0.00
3-Jun-06	0.00	0.00	0.00	0.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
4-Jun-06	0.04	0.00	0.00	0.00
5-Jun-06	0.02	0.00	0.00	0.00
6-Jun-06	0.00	0.00	0.00	0.00
7-Jun-06	0.00	0.00	0.00	0.00
8-Jun-06	0.07	0.00	0.00	0.00
9-Jun-06	2.36	0.00	0.00	0.00
10-Jun-06	0.10	0.00	0.00	0.00
11-Jun-06	0.10	0.00	0.00	0.00
12-Jun-06	0.04	0.00	0.00	0.00
13-Jun-06	0.00	0.00	0.00	0.00
14-Jun-06	0.00	0.00	0.00	0.00
15-Jun-06	0.00	0.00	0.00	0.00
16-Jun-06	0.43	0.00	0.00	0.00
17-Jun-06	0.69	0.00	0.00	0.00
18-Jun-06	0.85	0.00	0.00	0.00
19-Jun-06	0.00	0.00	0.00	0.00
20-Jun-06	0.01	554.12	26.66	0.00
21-Jun-06	0.00	442.23	21.27	0.00
22-Jun-06	0.00	38.62	1.86	0.00
23-Jun-06	0.00	0.00	0.00	0.00
24-Jun-06	2.62	0.00	0.00	0.00
25-Jun-06	0.29	0.00	0.00	0.00
26-Jun-06	0.01	0.00	0.00	0.00
27-Jun-06	0.02	0.00	0.00	0.00
28-Jun-06	1.17	0.00	0.00	0.00
29-Jun-06	0.04	0.00	0.00	1.04
30-Jun-06	0.00	0.00	0.00	1.03
1-Jul-06	0.00	0.00	0.00	0.76
2-Jul-06	0.33	0.00	0.00	0.87
3-Jul-06	0.00	0.00	0.00	0.73
4-Jul-06	0.00	0.00	0.00	0.52
5-Jul-06	0.00	0.00	0.00	0.41
6-Jul-06	0.10	0.00	0.00	0.29
7-Jul-06	0.51	0.00	0.00	0.42
8-Jul-06	0.69	0.00	0.00	0.97
9-Jul-06	0.08	0.00	0.00	1.25
10-Jul-06	0.06	2.20	0.10	1.00
11-Jul-06	1.32	124.84	5.39	1.99
12-Jul-06	0.30	302.94	13.08	3.85
13-Jul-06	0.00	296.67	12.81	3.07
14-Jul-06	0.00	132.73	5.73	2.34

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
15-Jul-06	0.00	9.20	0.40	1.89
16-Jul-06	0.00	232.48	10.04	1.58
17-Jul-06	0.00	0.00	0.00	1.37
18-Jul-06	0.00	0.24	0.01	1.22
19-Jul-06	1.85	92.99	4.01	1.78
20-Jul-06	0.55	294.96	14.19	2.83
21-Jul-06	1.19	278.74	13.41	7.65
22-Jul-06	0.11	546.07	26.27	12.71
23-Jul-06	0.27	461.75	22.21	10.34
24-Jul-06	0.00	472.50	22.73	8.42
25-Jul-06	0.00	290.94	14.00	6.41
26-Jul-06	0.00	288.89	13.90	5.34
27-Jul-06	2.02	254.00	12.22	5.74
28-Jul-06	0.66	453.84	31.35	8.55
29-Jul-06	0.59	402.66	27.81	8.39
30-Jul-06	0.00	465.08	32.13	7.72
31-Jul-06	0.00	294.90	20.37	6.51
1-Aug-06	0.00	255.35	17.64	5.55
2-Aug-06	0.00	49.77	3.44	4.69
3-Aug-06	0.06	301.61	20.83	4.22
4-Aug-06	0.00	50.96	3.02	3.04
5-Aug-06	0.03	162.29	9.61	2.78
6-Aug-06	0.09	150.94	8.94	2.72
7-Aug-06	0.00	10.65	0.63	2.55
8-Aug-06	0.00	245.47	14.53	2.35
9-Aug-06	0.00	0.00	0.00	2.11
10-Aug-06	0.00	5.87	0.33	3.98
11-Aug-06	0.00	116.37	6.60	3.57
12-Aug-06	0.00	101.57	5.76	3.08
13-Aug-06	0.36	0.00	0.00	3.08
14-Aug-06	0.05	4.32	0.25	5.28
15-Aug-06	0.00	274.14	15.55	7.78
16-Aug-06	2.99	165.70	9.40	15.14
17-Aug-06	0.01	593.04	25.60	15.60
18-Aug-06	0.16	347.90	15.02	11.27
19-Aug-06	0.82	479.76	20.71	10.43
20-Aug-06	0.25	418.95	18.09	12.81
21-Aug-06	0.08	499.00	21.54	11.17
22-Aug-06	0.24	297.50	12.84	10.21
23-Aug-06	0.04	308.81	13.33	10.37
24-Aug-06	0.29	314.90	13.59	9.90

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
25-Aug-06	0.80	540.18	75.29	28.15
26-Aug-06	0.87	656.35	91.48	31.27
27-Aug-06	2.41	902.94	125.85	34.56
28-Aug-06	0.00	1245.32	173.58	35.62
29-Aug-06	0.82	940.44	131.08	31.95
30-Aug-06	3.02	1343.80	187.30	57.40
31-Aug-06	0.43	2132.83	297.28	111.36
1-Sep-06	0.68	2208.58	803.65	234.54
2-Sep-06	1.59	2404.78	875.04	232.24
3-Sep-06	0.14	2640.24	960.72	240.69
4-Sep-06	0.29	2583.85	940.20	230.59
5-Sep-06	0.00	2510.06	913.35	220.65
6-Sep-06	0.15	2323.56	845.49	199.94
7-Sep-06	0.14	2039.64	742.18	177.85
8-Sep-06	1.49	1703.13	739.47	103.99
9-Sep-06	1.85	2095.89	910.01	127.39
10-Sep-06	0.24	2406.43	1044.84	149.99
11-Sep-06	0.06	2384.39	1035.27	151.20
12-Sep-06	0.06	2171.84	942.98	137.44
13-Sep-06	0.14	1878.53	815.63	122.17
14-Sep-06	0.15	1727.11	530.46	87.24
15-Sep-06	0.97	1735.40	533.01	86.11
16-Sep-06	0.13	2008.07	616.75	88.26
17-Sep-06	0.00	1676.39	514.88	84.65
18-Sep-06	0.00	1392.95	427.83	74.74
19-Sep-06	0.61	1360.68	417.92	67.63
20-Sep-06	0.01	1222.21	375.39	71.44
21-Sep-06	0.00	986.04	302.85	65.38
22-Sep-06	0.00	987.67	268.02	57.05
23-Sep-06	0.00	887.98	240.97	52.29
24-Sep-06	0.00	760.46	206.36	48.82
25-Sep-06	0.15	600.00	162.82	47.16
26-Sep-06	0.01	661.03	179.38	53.21
27-Sep-06	0.17	690.21	187.30	49.98
28-Sep-06	0.00	522.94	74.18	36.26
29-Sep-06	0.00	527.42	74.82	33.63
30-Sep-06	0.00	515.84	73.17	31.78
1-Oct-06	0.01	295.48	41.91	31.21
2-Oct-06	0.00	281.91	39.99	29.36
3-Oct-06	0.03	462.31	65.58	28.79
4-Oct-06	0.00	86.48	12.27	27.08

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
5-Oct-06	0.03	286.83	40.69	25.43
6-Oct-06	0.00	134.30	12.76	18.21
7-Oct-06	0.00	180.56	16.78	17.68
8-Oct-06	0.00	230.76	20.97	17.45
9-Oct-06	0.01	3.45	0.31	17.61
10-Oct-06	0.00	260.51	22.60	16.99
11-Oct-06	0.01	47.80	4.05	15.52
12-Oct-06	0.13	0.00	0.00	15.12
13-Oct-06	0.00	0.28	0.02	10.86
14-Oct-06	0.00	51.03	4.01	9.03
15-Oct-06	0.00	186.84	14.29	7.80
16-Oct-06	0.00	0.00	0.00	6.93
17-Oct-06	0.00	0.00	0.00	6.39
18-Oct-06	0.00	0.00	0.00	5.83
19-Oct-06	0.00	0.00	0.00	5.22
20-Oct-06	0.00	0.44	0.03	9.73
21-Oct-06	0.00	6.80	0.44	9.11
22-Oct-06	0.00	13.03	0.81	8.67
23-Oct-06	0.00	12.77	0.77	8.40
24-Oct-06	0.00	3.07	0.18	7.94
25-Oct-06	0.00	0.00	0.00	7.64
26-Oct-06	0.00	0.00	0.00	5.72
27-Oct-06	0.00	0.00	0.00	5.42
28-Oct-06	0.44	5.40	0.27	6.97
29-Oct-06	0.00	175.40	8.37	6.98
30-Oct-06	0.00	88.38	4.03	6.05
31-Oct-06	0.03	1.25	0.05	5.40
1-Nov-06	0.00	0.00	0.00	5.20
2-Nov-06	1.23	3.07	0.12	6.56
3-Nov-06	0.00	288.32	11.34	13.72
4-Nov-06	0.00	42.78	1.68	11.92
5-Nov-06	0.00	6.72	0.26	10.16
6-Nov-06	0.00	186.49	7.26	9.01
7-Nov-06	0.00	53.08	2.06	8.60
8-Nov-06	0.00	0.00	0.00	8.27
9-Nov-06	0.00	0.00	0.00	7.49
10-Nov-06	0.00	0.00	0.00	2.63
11-Nov-06	0.00	0.00	0.00	2.58
12-Nov-06	0.00	0.00	0.00	2.57
13-Nov-06	0.00	0.83	0.03	2.67
14-Nov-06	0.00	0.00	0.00	2.69

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
15-Nov-06	0.00	1.43	0.05	3.68
16-Nov-06	0.04	0.00	0.00	3.99
17-Nov-06	0.00	0.00	0.00	4.08
18-Nov-06	0.00	0.00	0.00	3.86
19-Nov-06	0.00	0.00	0.00	3.43
20-Nov-06	0.00	0.00	0.00	3.16
21-Nov-06	0.00	0.00	0.00	2.71
22-Nov-06	0.00	0.00	0.00	2.49
23-Nov-06	0.00	0.00	0.00	2.47
24-Nov-06	0.00	0.00	0.00	2.43
25-Nov-06	0.00	0.00	0.00	2.08
26-Nov-06	0.04	0.00	0.00	2.09
27-Nov-06	0.00	0.26	0.00	2.11
28-Nov-06	0.00	0.00	0.00	1.89
29-Nov-06	0.00	0.00	0.00	1.58
30-Nov-06	0.02	0.00	0.00	1.34
1-Dec-06	0.03	0.00	0.00	1.04
2-Dec-06	0.00	0.00	0.00	0.76
3-Dec-06	0.00	0.00	0.00	0.49
4-Dec-06	0.00	0.00	0.00	0.35
5-Dec-06	0.00	0.00	0.00	0.31
6-Dec-06	0.00	0.00	0.00	0.22
7-Dec-06	0.00	0.67	0.02	0.09
8-Dec-06	0.00	0.00	0.00	0.00
9-Dec-06	0.00	0.00	0.00	0.00
10-Dec-06	0.00	0.00	0.00	0.00
11-Dec-06	0.00	0.00	0.00	0.00
12-Dec-06	0.00	0.00	0.00	0.00
13-Dec-06	0.00	0.00	0.00	0.00
14-Dec-06	0.17	0.00	0.00	0.00
15-Dec-06	0.00	0.00	0.00	0.00
16-Dec-06	0.39	0.00	0.00	0.00
17-Dec-06	0.00	0.00	0.00	0.02
18-Dec-06	0.00	0.00	0.00	0.08
19-Dec-06	0.00	0.00	0.00	0.02
20-Dec-06	0.00	0.00	0.00	0.00
21-Dec-06	0.00	0.00	0.00	0.00
22-Dec-06	0.02	0.00	0.00	0.00
23-Dec-06	0.34	0.00	0.00	0.00
24-Dec-06	0.10	0.00	0.00	0.00
25-Dec-06	0.91	0.00	0.00	0.32

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
26-Dec-06	0.03	0.00	0.00	2.10
27-Dec-06	0.00	0.00	0.00	1.82
28-Dec-06	0.00	0.00	0.00	1.56
29-Dec-06	0.00	0.00	0.00	1.42
30-Dec-06	0.00	0.00	0.00	1.35
31-Dec-06	0.00	0.00	0.00	1.33
1-Jan-07	0.00	0.00	0.00	1.27
2-Jan-07	0.07	0.00	0.00	1.19
3-Jan-07	0.00	0.00	0.00	1.13
4-Jan-07	0.00	1.19	0.04	0.76
5-Jan-07	0.00	0.00	0.00	0.64
6-Jan-07	0.00	0.00	0.00	0.47
7-Jan-07	0.00	0.00	0.00	0.19
8-Jan-07	0.00	0.00	0.00	0.04
9-Jan-07	0.00	0.00	0.00	0.00
10-Jan-07	0.00	0.00	0.00	0.00
11-Jan-07	0.00	0.00	0.00	0.00
12-Jan-07	0.00	0.00	0.00	0.00
13-Jan-07	0.00	0.00	0.00	0.00
14-Jan-07	0.00	0.00	0.00	0.00
15-Jan-07	0.00	0.00	0.00	0.00
16-Jan-07	0.00	0.00	0.00	0.00
17-Jan-07	0.00	0.00	0.00	0.00
18-Jan-07	0.00	0.00	0.00	0.00
19-Jan-07	0.00	0.00	0.00	0.00
20-Jan-07	0.00	0.00	0.00	0.00
21-Jan-07	0.00	0.00	0.00	0.00
22-Jan-07	0.00	0.00	0.00	0.00
23-Jan-07	0.00	0.00	0.00	0.00
24-Jan-07	0.02	0.00	0.00	0.00
25-Jan-07	0.13	0.00	0.00	0.00
26-Jan-07	0.00	0.00	0.00	0.00
27-Jan-07	0.00	0.00	0.00	0.00
28-Jan-07	0.04	0.00	0.00	0.00
29-Jan-07	0.00	0.00	0.00	0.00
30-Jan-07	0.00	0.00	0.00	0.00
31-Jan-07	0.00	0.00	0.00	0.00
1-Feb-07	0.00	0.00	0.00	0.00
2-Feb-07	0.00	0.00	0.00	0.00
3-Feb-07	0.00	0.00	0.00	0.00
4-Feb-07	0.22	0.00	0.00	0.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
5-Feb-07	0.35	0.00	0.00	0.00
6-Feb-07	0.04	0.00	0.00	0.00
7-Feb-07	0.00	0.00	0.00	0.00
8-Feb-07	0.00	0.00	0.00	0.00
9-Feb-07	0.00	0.00	0.00	0.00
10-Feb-07	0.00	0.00	0.00	0.00
11-Feb-07	0.08	0.00	0.00	0.00
12-Feb-07	0.26	0.00	0.00	0.00
13-Feb-07	0.00	0.00	0.00	0.00
14-Feb-07	0.00	0.00	0.00	0.00
15-Feb-07	0.17	0.00	0.00	0.00
16-Feb-07	0.01	0.00	0.00	0.00
17-Feb-07	0.00	0.00	0.00	0.00
18-Feb-07	0.05	0.00	0.00	0.00
19-Feb-07	0.00	0.00	0.00	0.00
20-Feb-07	0.00	0.00	0.00	0.00
21-Feb-07	0.00	0.00	0.00	0.00
22-Feb-07	0.00	0.00	0.00	0.00
23-Feb-07	0.00	0.00	0.00	0.00
24-Feb-07	0.00	0.00	0.00	0.00
25-Feb-07	0.00	0.00	0.00	0.00
26-Feb-07	0.00	0.00	0.00	0.00
27-Feb-07	0.08	0.00	0.00	0.00
28-Feb-07	0.28	0.00	0.00	0.00
1-Mar-07	0.67	0.00	0.00	0.00
2-Mar-07	0.00	0.00	0.00	0.00
3-Mar-07	0.00	0.00	0.00	0.00
4-Mar-07	0.00	0.00	0.00	0.00
5-Mar-07	0.00	0.00	0.00	0.00
6-Mar-07	0.00	0.00	0.00	0.00
7-Mar-07	0.00	0.00	0.00	0.00
8-Mar-07	0.00	0.00	0.00	0.00
9-Mar-07	0.00	0.00	0.00	0.00
10-Mar-07	0.00	0.00	0.00	0.00
11-Mar-07	0.00	0.00	0.00	0.00
12-Mar-07	0.00	0.00	0.00	0.00
13-Mar-07	0.00	0.00	0.00	0.00
14-Mar-07	0.00	0.00	0.00	0.00
15-Mar-07	0.00	0.00	0.00	0.00
16-Mar-07	0.02	0.00	0.00	0.00
17-Mar-07	0.00	0.00	0.00	0.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
18-Mar-07	0.00	0.00	0.00	0.00
19-Mar-07	0.00	0.00	0.00	0.00
20-Mar-07	0.01	0.00	0.00	0.00
21-Mar-07	0.00	0.00	0.00	0.00
22-Mar-07	0.00	0.00	0.00	0.00
23-Mar-07	0.00	0.00	0.00	0.00
24-Mar-07	0.00	0.00	0.00	0.00
25-Mar-07	0.00	0.00	0.00	0.00
26-Mar-07	0.00	0.00	0.00	0.00
27-Mar-07	0.00	0.00	0.00	0.00
28-Mar-07	0.00	0.00	0.00	0.00
29-Mar-07	0.00	0.00	0.00	0.00
30-Mar-07	0.01	0.00	0.00	0.00
31-Mar-07	0.01	0.00	0.00	0.00
1-Apr-07	0.00	0.00	0.00	0.00
2-Apr-07	0.00	0.00	0.00	0.00
3-Apr-07	0.00	0.00	0.00	0.00
4-Apr-07	0.00	0.00	0.00	0.00
5-Apr-07	0.00	0.00	0.00	0.00
6-Apr-07	0.02	0.00	0.00	0.00
7-Apr-07	0.00	0.00	0.00	0.00
8-Apr-07	0.00	0.00	0.00	0.00
9-Apr-07	0.02	0.00	0.00	0.00
10-Apr-07	1.02	0.00	0.00	0.00
11-Apr-07	0.32	0.00	0.00	0.00
12-Apr-07	0.75	0.00	0.00	0.00
13-Apr-07	0.00	0.00	0.00	0.00
14-Apr-07	0.00	0.00	0.00	0.00
15-Apr-07	0.53	0.00	0.00	0.00
16-Apr-07	0.00	0.00	0.00	0.00
17-Apr-07	0.00	0.00	0.00	0.00
18-Apr-07	0.00	0.00	0.00	0.00
19-Apr-07	0.00	0.00	0.00	0.00
20-Apr-07	0.00	0.00	0.00	0.00
21-Apr-07	0.00	0.00	0.00	0.00
22-Apr-07	0.00	0.00	0.00	0.00
23-Apr-07	0.00	0.00	0.00	0.00
24-Apr-07	0.00	0.00	0.00	0.00
25-Apr-07	0.00	0.00	0.00	0.00
26-Apr-07	0.62	0.00	0.00	0.00
27-Apr-07	0.00	0.00	0.00	0.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
28-Apr-07	0.00	0.00	0.00	0.00
29-Apr-07	0.00	0.00	0.00	0.00
30-Apr-07	0.00	0.00	0.00	0.00
1-May-07	0.00	0.00	0.00	0.00
2-May-07	0.00	0.00	0.00	0.00
3-May-07	0.78	0.00	0.00	0.00
4-May-07	0.14	0.36	0.01	0.00
5-May-07	0.01	0.00	0.00	0.00
6-May-07	0.73	0.00	0.00	0.00
7-May-07	0.03	0.00	0.00	0.00
8-May-07	0.00	0.00	0.00	0.00
9-May-07	0.00	0.00	0.00	0.00
10-May-07	0.00	0.00	0.00	0.00
11-May-07	0.00	0.00	0.00	0.00
12-May-07	0.00	0.00	0.00	0.00
13-May-07	0.07	0.00	0.00	0.00
14-May-07	0.28	0.54	0.02	0.00
15-May-07	0.13	0.00	0.00	0.00
16-May-07	0.31	0.00	0.00	0.00
17-May-07	0.00	0.00	0.00	0.00
18-May-07	0.00	0.00	0.00	0.00
19-May-07	0.00	0.00	0.00	0.00
20-May-07	0.00	0.00	0.00	0.00
21-May-07	0.00	0.00	0.00	0.00
22-May-07	0.00	0.00	0.00	0.00
23-May-07	0.00	0.00	0.00	0.00
24-May-07	0.00	0.00	0.00	0.00
25-May-07	0.01	0.00	0.00	0.00
26-May-07	0.00	0.00	0.00	0.00
27-May-07	0.00	0.00	0.00	0.00
28-May-07	0.00	0.00	0.00	0.00
29-May-07	0.00	0.00	0.00	0.00
30-May-07	0.00	0.00	0.00	0.00
31-May-07	0.00	0.00	0.00	0.00
1-Jun-07	1.80	0.00	0.00	0.00
2-Jun-07	1.98	0.00	0.00	0.00
3-Jun-07	0.00	0.00	0.00	0.00
4-Jun-07	0.00	0.00	0.00	0.00
5-Jun-07	0.00	0.00	0.00	0.00
6-Jun-07	2.00	0.00	0.00	0.00
7-Jun-07	0.09	0.00	0.00	0.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
8-Jun-07	0.00	0.00	0.00	0.00
9-Jun-07	0.00	0.00	0.00	0.00
10-Jun-07	0.00	0.00	0.00	0.00
11-Jun-07	0.04	0.00	0.00	0.00
12-Jun-07	0.68	0.00	0.00	0.00
13-Jun-07	0.09	0.00	0.00	0.00
14-Jun-07	0.32	0.00	0.00	0.00
15-Jun-07	0.05	0.00	0.00	0.00
16-Jun-07	0.00	0.00	0.00	0.00
17-Jun-07	0.17	0.00	0.00	0.00
18-Jun-07	0.03	0.00	0.00	0.00
19-Jun-07	0.00	0.00	0.00	0.00
20-Jun-07	0.00	0.00	0.00	0.00
21-Jun-07	0.02	0.00	0.00	0.00
22-Jun-07	0.00	0.00	0.00	0.00
23-Jun-07	0.00	0.00	0.00	0.00
24-Jun-07	0.00	0.00	0.00	0.00
25-Jun-07	0.00	0.00	0.00	0.00
26-Jun-07	0.00	0.00	0.00	0.00
27-Jun-07	0.01	0.00	0.00	0.00
28-Jun-07	0.00	0.00	0.00	0.00
29-Jun-07	0.03	0.00	0.00	0.00
30-Jun-07	0.01	0.00	0.00	0.00
1-Jul-07	0.82	0.00	0.00	0.00
2-Jul-07	0.04	0.00	0.00	0.00
3-Jul-07	0.39	0.00	0.00	0.00
4-Jul-07	0.47	0.00	0.00	0.00
5-Jul-07	0.09	0.00	0.00	0.00
6-Jul-07	0.50	0.00	0.00	0.00
7-Jul-07	1.34	0.00	0.00	0.00
8-Jul-07	0.82	0.00	0.00	0.00
9-Jul-07	0.49	0.00	0.00	0.00
10-Jul-07	0.00	0.00	0.00	0.00
11-Jul-07	0.00	2.12	0.07	0.00
12-Jul-07	0.59	7.74	0.49	0.00
13-Jul-07	0.01	9.82	0.62	0.00
14-Jul-07	0.36	7.93	0.50	0.00
15-Jul-07	0.26	9.84	0.62	0.00
16-Jul-07	0.00	16.36	1.03	0.00
17-Jul-07	0.67	170.56	10.73	0.01
18-Jul-07	0.33	61.57	3.87	0.04

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
19-Jul-07	0.00	1.37	0.09	0.04
20-Jul-07	0.52	130.83	8.23	0.00
21-Jul-07	0.03	84.83	5.34	0.00
22-Jul-07	1.56	0.00	0.00	0.01
23-Jul-07	0.03	6.49	0.41	0.51
24-Jul-07	0.00	197.71	12.44	0.50
25-Jul-07	0.07	32.39	2.04	0.36
26-Jul-07	0.08	0.00	0.00	0.32
27-Jul-07	0.97	398.66	30.00	0.41
28-Jul-07	0.02	415.97	31.30	0.45
29-Jul-07	0.00	200.45	15.08	0.35
30-Jul-07	0.01	292.68	22.02	0.30
31-Jul-07	0.84	72.93	5.49	0.66
1-Aug-07	0.63	262.87	19.78	0.83
2-Aug-07	0.00	195.43	14.70	0.86
3-Aug-07	0.02	0.00	0.00	1.47
4-Aug-07	0.00	21.84	1.99	1.62
5-Aug-07	0.00	259.81	23.72	1.14
6-Aug-07	0.00	0.00	0.00	0.85
7-Aug-07	0.00	5.77	0.53	0.70
8-Aug-07	0.00	22.12	2.02	0.42
9-Aug-07	0.00	218.02	16.40	0.10
10-Aug-07	0.00	0.00	0.00	0.01
11-Aug-07	0.03	0.00	0.00	0.00
12-Aug-07	0.01	0.61	0.05	0.00
13-Aug-07	0.43	4.13	0.31	0.32
14-Aug-07	1.91	229.86	17.30	1.65
15-Aug-07	0.03	115.48	8.69	2.18
16-Aug-07	0.83	285.44	18.66	2.31
17-Aug-07	0.04	297.16	19.43	2.20
18-Aug-07	0.07	223.85	14.63	1.87
19-Aug-07	0.07	13.05	0.85	1.70
20-Aug-07	0.00	296.57	19.39	1.48
21-Aug-07	0.00	51.73	3.38	1.23
22-Aug-07	0.45	51.21	3.35	1.13
23-Aug-07	0.02	289.51	16.78	1.55
24-Aug-07	1.18	0.77	0.04	2.07
25-Aug-07	0.26	250.43	14.52	4.40
26-Aug-07	0.01	292.28	16.94	3.91
27-Aug-07	0.20	284.03	16.47	3.45
28-Aug-07	0.00	285.22	16.54	3.03

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
29-Aug-07	0.20	72.04	4.18	2.72
30-Aug-07	0.00	299.50	20.32	4.63
31-Aug-07	0.00	179.42	12.17	3.84
1-Sep-07	0.21	4.86	0.33	3.25
2-Sep-07	1.07	203.98	13.84	4.91
3-Sep-07	0.03	301.25	20.44	13.53
4-Sep-07	0.71	300.75	20.40	11.82
5-Sep-07	0.00	299.44	20.31	12.38
6-Sep-07	0.01	294.05	19.95	11.25
7-Sep-07	0.00	288.42	14.59	3.61
8-Sep-07	0.18	165.68	8.38	3.15
9-Sep-07	0.10	150.78	7.63	2.89
10-Sep-07	0.02	278.40	14.08	2.74
11-Sep-07	0.00	85.53	4.33	2.60
12-Sep-07	1.31	206.02	10.42	3.26
13-Sep-07	0.21	202.57	10.24	4.80
14-Sep-07	0.27	419.82	190.57	5.23
15-Sep-07	0.87	503.66	228.62	4.56
16-Sep-07	0.02	425.26	193.03	4.21
17-Sep-07	0.39	539.92	245.08	6.12
18-Sep-07	0.00	292.68	132.85	6.12
19-Sep-07	0.01	293.81	133.37	6.12
20-Sep-07	0.01	291.67	132.39	6.12
21-Sep-07	1.78	327.31	35.93	6.12
22-Sep-07	0.14	712.48	78.22	6.12
23-Sep-07	0.44	535.46	58.78	6.12
24-Sep-07	0.28	546.27	59.97	6.12
25-Sep-07	0.00	548.57	60.22	5.91
26-Sep-07	0.00	537.28	58.98	5.40
27-Sep-07	0.00	495.33	54.38	5.01
28-Sep-07	0.00	274.51	32.84	6.94
29-Sep-07	0.01	280.84	33.60	6.15
30-Sep-07	0.01	281.69	33.70	5.60
1-Oct-07	0.24	280.56	33.57	5.41
2-Oct-07	0.02	279.00	33.38	6.12
3-Oct-07	0.14	281.12	33.64	5.74
4-Oct-07	0.01	285.60	34.17	5.28
5-Oct-07	0.49	453.64	50.92	9.59
6-Oct-07	0.05	343.44	38.55	13.69
7-Oct-07	0.02	336.91	37.82	13.43
8-Oct-07	0.00	554.60	62.25	14.21

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
9-Oct-07	0.00	297.20	33.36	12.35
10-Oct-07	0.00	289.59	32.51	10.63
11-Oct-07	0.00	278.78	31.29	9.66
12-Oct-07	0.00	189.24	18.91	8.40
13-Oct-07	0.00	156.16	15.60	7.33
14-Oct-07	0.00	157.09	15.70	6.89
15-Oct-07	0.00	156.60	15.65	6.11
16-Oct-07	0.00	155.15	15.50	5.66
17-Oct-07	0.03	107.66	10.76	5.25
18-Oct-07	0.00	0.00	0.00	3.81
19-Oct-07	0.05	7.97	0.85	3.62
20-Oct-07	0.81	254.30	26.98	3.77
21-Oct-07	0.04	233.73	24.79	4.30
22-Oct-07	0.00	3.49	0.37	3.91
23-Oct-07	0.00	240.26	25.49	3.61
24-Oct-07	1.12	55.48	5.89	3.76
25-Oct-07	0.17	230.04	24.40	4.48
26-Oct-07	0.04	254.36	15.37	3.36
27-Oct-07	0.01	3.21	0.19	3.02
28-Oct-07	0.03	247.62	14.97	2.69
29-Oct-07	0.00	53.47	3.23	2.52
30-Oct-07	0.05	13.79	0.83	2.55
31-Oct-07	0.30	287.21	17.36	2.78
1-Nov-07	0.04	0.12	0.01	3.02
2-Nov-07	0.00	134.06	7.28	2.71
3-Nov-07	0.00	126.57	6.87	2.57
4-Nov-07	0.00	0.00	0.00	2.33
5-Nov-07	0.00	4.74	0.26	2.16
6-Nov-07	0.00	66.45	3.61	2.08
7-Nov-07	0.00	159.31	8.65	2.00
8-Nov-07	0.00	0.00	0.00	1.95
9-Nov-07	0.00	0.00	0.00	1.41
10-Nov-07	0.00	0.00	0.00	1.33
11-Nov-07	0.00	0.06	0.00	1.18
12-Nov-07	0.00	1.11	0.04	1.11
13-Nov-07	0.00	1.47	0.05	1.06
14-Nov-07	0.00	0.00	0.00	1.01
15-Nov-07	0.00	0.00	0.00	1.24
16-Nov-07	0.00	0.00	0.00	1.06
17-Nov-07	0.00	0.00	0.00	0.94
18-Nov-07	0.00	0.00	0.00	0.87

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
19-Nov-07	0.00	0.00	0.00	0.82
20-Nov-07	0.00	0.00	0.00	0.70
21-Nov-07	0.00	0.00	0.00	0.56
22-Nov-07	0.00	0.00	0.00	0.46
23-Nov-07	0.00	0.00	0.00	0.38
24-Nov-07	0.00	0.00	0.00	0.28
25-Nov-07	0.00	0.00	0.00	0.20
26-Nov-07	0.07	0.00	0.00	0.13
27-Nov-07	0.00	0.00	0.00	0.20
28-Nov-07	0.01	0.00	0.00	0.18
29-Nov-07	0.00	0.00	0.00	0.15
30-Nov-07	0.01	0.00	0.00	0.06
1-Dec-07	0.07	0.00	0.00	0.02
2-Dec-07	0.00	0.00	0.00	0.00
3-Dec-07	0.00	0.00	0.00	0.00
4-Dec-07	0.00	0.00	0.00	0.00
5-Dec-07	0.00	0.00	0.00	0.00
6-Dec-07	0.00	0.00	0.00	0.00
7-Dec-07	0.00	0.00	0.00	0.00
8-Dec-07	0.01	0.00	0.00	0.00
9-Dec-07	0.00	0.00	0.00	0.00
10-Dec-07	0.00	0.00	0.00	0.00
11-Dec-07	0.02	0.00	0.00	0.00
12-Dec-07	0.00	0.00	0.00	0.00
13-Dec-07	0.04	0.00	0.00	0.00
14-Dec-07	0.25	0.00	0.00	0.00
15-Dec-07	0.01	0.00	0.00	0.00
16-Dec-07	0.07	0.00	0.00	0.00
17-Dec-07	0.00	0.00	0.00	0.00
18-Dec-07	0.00	0.00	0.00	0.00
19-Dec-07	0.00	0.00	0.00	0.00
20-Dec-07	0.00	0.00	0.00	0.00
21-Dec-07	0.01	0.00	0.00	0.00
22-Dec-07	0.00	0.00	0.00	0.00
23-Dec-07	0.00	0.00	0.00	0.00
24-Dec-07	0.00	0.00	0.00	0.00
25-Dec-07	0.01	0.00	0.00	0.00
26-Dec-07	0.00	0.00	0.00	0.00
27-Dec-07	0.00	0.00	0.00	0.00
28-Dec-07	0.00	0.00	0.00	0.00
29-Dec-07	0.00	0.00	0.00	0.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
30-Dec-07	0.00	0.00	0.00	0.00
31-Dec-07	0.00	0.00	0.00	0.00
1-Jan-08	0.05	0.00	0.00	0.00
2-Jan-08	0.00	0.00	0.00	0.00
3-Jan-08	0.00	0.00	0.00	0.00
4-Jan-08	0.00	0.00	0.00	0.00
5-Jan-08	0.00	0.00	0.00	0.00
6-Jan-08	0.00	0.00	0.00	0.00
7-Jan-08	0.00	0.00	0.00	0.00
8-Jan-08	0.00	0.00	0.00	0.00
9-Jan-08	0.00	0.00	0.00	0.00
10-Jan-08	0.00	0.00	0.00	0.00
11-Jan-08	0.02	0.00	0.00	0.00
12-Jan-08	0.01	0.00	0.00	0.00
13-Jan-08	0.00	0.00	0.00	0.00
14-Jan-08	0.00	0.00	0.00	0.00
15-Jan-08	0.00	0.00	0.00	0.00
16-Jan-08	0.00	0.00	0.00	0.00
17-Jan-08	0.00	0.00	0.00	0.00
18-Jan-08	0.00	0.00	0.00	0.00
19-Jan-08	0.06	0.00	0.00	0.00
20-Jan-08	0.26	0.00	0.00	0.00
21-Jan-08	0.01	0.00	0.00	0.00
22-Jan-08	0.00	0.00	0.00	0.00
23-Jan-08	0.00	0.00	0.00	0.00
24-Jan-08	0.00	0.00	0.00	0.00
25-Jan-08	0.00	0.00	0.00	0.00
26-Jan-08	0.00	0.00	0.00	0.00
27-Jan-08	0.00	0.00	0.00	0.00
28-Jan-08	0.00	0.00	0.00	0.00
29-Jan-08	0.00	0.00	0.00	0.00
30-Jan-08	0.00	0.00	0.00	0.00
31-Jan-08	0.00	0.00	0.00	0.00
1-Feb-08	0.00	0.00	0.00	0.00
2-Feb-08	0.00	0.00	0.00	0.00
3-Feb-08	0.00	0.00	0.00	0.00
4-Feb-08	0.00	0.00	0.00	0.00
5-Feb-08	0.00	0.00	0.00	0.00
6-Feb-08	0.00	0.00	0.00	0.00
7-Feb-08	0.00	0.00	0.00	0.00
8-Feb-08	0.00	0.00	0.00	0.00

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
9-Feb-08	0.54	0.00	0.00	0.00
10-Feb-08	0.00	0.00	0.00	0.00
11-Feb-08	0.00	0.00	0.00	0.00
12-Feb-08	1.70	0.00	0.00	0.00
13-Feb-08	1.06	2.12	0.07	7.19
14-Feb-08	0.00	0.00	0.00	11.95
15-Feb-08	0.00	0.00	0.00	6.23
16-Feb-08	0.00	0.00	0.00	4.46
17-Feb-08	0.00	0.00	0.00	3.23
18-Feb-08	0.00	0.00	0.00	2.90
19-Feb-08	0.09	0.00	0.00	2.87
20-Feb-08	0.00	0.00	0.00	2.76
21-Feb-08	0.27	0.00	0.00	2.99
22-Feb-08	0.00	0.00	0.00	28.94
23-Feb-08	0.00	0.00	0.00	24.01
24-Feb-08	0.00	0.00	0.00	20.25
25-Feb-08	0.00	0.00	0.00	19.11
26-Feb-08	0.00	0.00	0.00	17.05
27-Feb-08	0.35	0.60	0.02	23.95
28-Feb-08	0.00	2.02	0.06	22.18
29-Feb-08	0.00	2.16	0.07	0.41
1-Mar-08	0.00	2.29	0.07	0.37
2-Mar-08	0.00	0.60	0.02	0.35
3-Mar-08	0.00	0.00	0.00	0.33
4-Mar-08	0.00	0.00	0.00	0.31
5-Mar-08	0.13	0.00	0.00	0.33
6-Mar-08	0.27	0.00	0.00	0.50
7-Mar-08	0.01	0.04	0.00	0.49
8-Mar-08	0.37	9.33	0.32	0.84
9-Mar-08	0.00	13.03	0.45	0.79
10-Mar-08	0.00	14.13	0.49	0.75
11-Mar-08	0.02	12.63	0.44	0.73
12-Mar-08	0.00	13.32	0.47	0.75
13-Mar-08	0.00	7.86	0.28	0.69
14-Mar-08	0.01	3.35	0.12	0.83
15-Mar-08	0.00	0.75	0.03	0.73
16-Mar-08	0.00	0.00	0.00	0.58
17-Mar-08	0.00	0.00	0.00	0.38
18-Mar-08	0.00	0.00	0.00	0.27
19-Mar-08	0.00	0.00	0.00	0.15
20-Mar-08	0.00	0.00	0.00	0.04

	Feeder Canal Basin	S-190		WWEIR
Daily Date	Rainfall (Inches)	Flow (ac-ft)	Load (kg)	Load (kg)
21-Mar-08	0.00	0.00	0.00	0.00
22-Mar-08	0.55	0.00	0.00	0.04
23-Mar-08	0.80	0.00	0.00	0.55
24-Mar-08	0.01	0.00	0.00	0.92
25-Mar-08	0.00	0.61	0.02	0.73
26-Mar-08	0.00	1.33	0.04	0.61
27-Mar-08	0.00	0.13	0.00	0.57
28-Mar-08	0.00	0.00	0.00	0.50
29-Mar-08	0.00	0.00	0.00	0.45
30-Mar-08	0.00	0.00	0.00	0.41
31-Mar-08	0.00	0.00	0.00	0.35
1-Apr-08	0.00	0.00	0.00	0.29
2-Apr-08	0.85	0.00	0.00	0.26
3-Apr-08	0.00	0.00	0.00	0.16
4-Apr-08	0.00	0.00	0.00	0.03
5-Apr-08	0.00	0.00	0.00	0.00
6-Apr-08	2.83	5.79	0.25	0.30
7-Apr-08	0.55	486.88	21.02	1.54
8-Apr-08	0.01	240.24	10.37	1.42
9-Apr-08	0.00	264.81	11.43	1.69
10-Apr-08	0.00	230.66	9.96	1.36
11-Apr-08	0.00	133.23	5.75	1.16
12-Apr-08	0.00	106.82	4.61	0.99
13-Apr-08	0.00	0.00	0.00	0.87
14-Apr-08	0.00	3.27	0.14	0.78
15-Apr-08	0.00	11.64	0.50	0.72
16-Apr-08	0.00	12.66	0.55	0.64
17-Apr-08	0.00	9.65	0.33	0.58
18-Apr-08	0.00	8.53	0.29	0.50
19-Apr-08	0.00	6.05	0.21	0.41
20-Apr-08	0.00	3.94	0.14	0.28
21-Apr-08	0.00	0.89	0.03	0.13
22-Apr-08	0.00	0.00	0.00	0.01
23-Apr-08	0.00	0.00	0.00	0.00
24-Apr-08	0.00	0.00	0.00	0.00
25-Apr-08	0.00	0.00	0.00	0.00
26-Apr-08	0.00	0.00	0.00	0.00
27-Apr-08	0.00	0.00	0.00	0.00
28-Apr-08	0.00	0.00	0.00	0.00
29-Apr-08	0.00	0.00	0.00	0.00
30-Apr-08	0.00	0.00	0.00	0.00