

**ADDENDUM NO. 3**  
**to the**  
**REQUEST FOR PROPOSAL**  
**RFP # 19-10**  
**NEWTON COUNTY BOARD OF**  
**COMMISSIONERS**

**Design-Build Services for**  
**Cornish Creek WTP and Water Supply**  
**Facilities Improvements**



**May 22, 2019**

**PURCHASING DEPARTMENT**  
**1113 Usher Street, Suite 204**  
**Covington, GA 30014**  
**(678) 625-1237**

## ADDENDUM NO. 3

### Addendum No. 3 Instructions

#### **Summary**

Addendum No. 3 provides the following:

- I. Clarification / Addition to Scope of Services
- II. Appendix D: Clarifications and Sample Exhibits
- III. Proposers Questions and Owner Responses
- IV. Project Documents: Alcovy River Yield Verification Analysis, February 2015

#### **I. *Scope of Services:***

Please revise the Scope of Services as instructed.

1. *On Page 11, Phase I Services, A. Pre-Construction Phase:*

*Insert the following paragraph(s) after Para. 8.:*

9. Development of Guaranteed Maximum Price for the Williams Street WTP, including Alcovy Raw Water Intake and Pumping Station No. 1 and the City Pond Reservoir (For context and discussion only, the described improvements are not included in the proposed Scope of Services for the Proposal response):

Regarding the expenditure of approximately \$17 M for the Williams Street WTP and ancillary facilities, we have tasked our Planning Consultant with a business case evaluation (BCE) to prove that the Williams Street facility and its supply system (including its 4.5 MGD withdrawal permit) is beyond its useful life and can be replaced or better utilized with a cost-effective, well-thought out, technical solution. This solution will be considered by the County upon completion of the BCE. For instance, from a permitting perspective, can the raw water withdrawal for the Williams Street system one day be diverted / reallocated to Cornish / Varner System? Or, from an infrastructure perspective, can the Williams Street WTP be replaced with an elevated storage tank and booster pumping station?

Upon the results of the BCE, we will return to GEFA to discuss application of the funds at the Cornish Creek WTP / Lake Varner system, or perhaps offsite as an ancillary component. It is also our intention to visit with Georgia EPD to discuss options for the withdrawal permit (reallocation) associated with the Williams Street system.

Based on the outcome of the BCE, we will move toward procuring professional and construction phase services necessary to implement any viable options.

Negotiating the additional Scope of Services necessary to implement said design and construction options into this Project is a strong possibility, subject to Board of Commissioners, GEFA and EPD approval, of course.

## **II. Appendix D:**

### **1. Regarding Article 2; Paragraph 2.11:**

Please strike this paragraph in its entirety.

### **2. Regarding Appendix D: Proposed Design-Build Agreement:**

The proposed agreement (Section - 2.1.3.4) references Exhibit D – Design-Builders Waiver and Release(s) Upon Payment Forms. Sample affidavits are provided for review and comment herein.

## **III. Questions from Proposers**

*The Owner has received the following questions and responds as follows for clarification:*

### **1. Is Carter & Sloope considered the ‘owner’s representative’ for the purpose of this solicitation and therefore excluded from proposing on or joining other teams proposing on this RFP?**

As described on Page 14 of RFP, C&S is the County’s Planning Consultant for the Project and thus has prior knowledge of the project. Also, since C&S will serve on the selection committee, we would discourage their solicitation for Phase I - Preconstruction Services.

### **2. Please confirm DBE goals for this project.**

We direct the Proposer to Appendix B, Georgia Environmental Finance Authority, Supplemental General Conditions for Federally Assisted State Revolving Fund Construction Contracts, specifically Page GEFA-15 and other context applicable to this subject.

### **3. For the submission under “Project Approach” (RFP pg. 18), can the respondent offer alternative approaches identified that we feel will save schedule and/or money? Specifically, if we have an idea / approach that will impact the areas for which a GMP is developed (RFP pg. 11) that varies from the RFP and/or PER, can we use that idea / approach in lieu of what’s stated in the RFP/PER to develop our Phase I fee?**

We call Proposers attention to Page 10 where we state:

The project description and the anticipated scope of work for the selected Proposer will generally include the tasks listed in Scope of Services. More detailed discussions will occur upon the selection and contract negotiation with the selected firm.

Our intent as stated in Page 5, Selection Process, is to contract with the Design-Builder representing the best value for the Owner. Also, we note that on Page 6 of the RFP, the Owner will award up to 10% of the Proposal rating based on Value Added Services. Value Added Services can include new, even bold ideas, that will optimize the County's water supply, treatment capability, resources and infrastructure.

4. *Will CADD "record" drawings be made available of the existing facilities (all phases of prior construction) to the successful proposer?*

We do not have a reliable, composite set of CADD drawing files. As Phase I – Preconstruction Services includes Planning and Design phase services, we recommend that sufficient survey to be included to perform the design and engineering elements needed to carry out Phase I Services.

5. *Has the FKC Sludge Screw Press been pre-selected or actually pre-purchased? Can documentation of the FKC screw press be provided to help determining our design fee and overall construction cost?*

The Owner prefers the reference equipment as a technical solution for residuals dewatering. We have not pre-purchased the equipment. Documentation is provided as an indicator of previous discussions with the equipment provider.

6. *Will the Owner consider having the Cost Proposal (Exhibit B) submitted in a separate envelope apart from the rest of the proposal such that proposals can be evaluated on technical merit before evaluating costs?*

Yes; please see Addendum No. 1.

7. *Where should "Value Added Services" be identified (noted as evaluation criteria, RFP pg. 6) – Project Approach or elsewhere?*

We suggest that innovative ideas or services that distinguish the team from the pack be discussed in the Project Approach.

8. *On page 19 of the RFP, Additional Materials that Must Be Attached to Proposal, it states that Offerors are to provide a cost proposal. Please confirm that the cost proposal is to be submitted in a separate, sealed envelope.*

Confirmed; please see Addendum No. 1.

9. *A Master Plan was noted in the pre-proposal meeting as a work scope activity. Can you please share any details of what's expected on this Master Plan? Does this Master Plan need to be completed as part of Phase I services?*

Yes. We ask the Design-Builder to include this planning exercise so that the entire campus is considered for future expansions and upgrades. Also, we want to take advantage of any new and different ideas from a firm specializing in water treatment so that we have considered multiple options, thus arriving at an optimum future layout for the campus.

10. *The GEFA loan (\$23.3M) represented all of their available funding for the project – can you please confirm the amount of funds included for Williams St. WTP (not part of this RFP scope) as well as Cornish Creek. From the C&S report (Sect. & OPCC, pg. 68-75), \$16.1M is estimated for Cornish Creek WTP and \$17M is estimated for Williams St., for a total of \$33.1M. Please clarify as to how much of the \$23.1M is earmarked for Cornish...is it just the \$16.1M or some higher figure (or to be determined by GMP)? Note that the C&S study does attempt to prioritize work at each plant (pgs. 77-78).*

The approved GEFA loan is \$23.3M and of that \$16.1M is an estimate for the Cornish Creek/ Lake Varner system. For the purposes of submitting a responsive proposal, the base scope of services must concentrate on planning, survey, engineering and design, and then, developing the GMP for the Cornish Creek / Lake Varner system.

Please consider Part I., Item 1 in this Addendum for additional context on this matter.

11. *On Page Adv-17, Content, Experience Item #2: Will the Owner please confirm that a Design Build Contractor is allowed to spotlight up to two projects from their Prime Consultant?*

The Proposer must describe 5 relevant projects performed within the last 10 years meeting the other descriptions in the RFP.

12. *On Page Adv-22, Exhibit B, Item #48: It appears that a selection for the Special Inspection & Testing has been omitted. Please indicate where cost should be allotted for this item.*

Costs for Special Inspection & Testing should be considered in Column 3.

13. *On Page Adv-10, Phase I Services, Item A, #5: This section describes key project milestones during Phase I services. This section appears to conflict with or be worded differently with the previous page Paragraph #3. Please confirm the correct anticipated services.*

The Design-Builder will work collaboratively with the Owner including design development activities, basis of design, 50% and 80% design activities. The Final Scope of Services will be developed during the contracting stage of this procurement.

14. *General: Will the Owner please confirm the level of documents that will be made available to the selected Design Builder? Specifically, are CAD files available for existing structures and utilities as well as proposed new facilities?*

Design-Builder will include sufficient survey services to develop site plans. See Question No. 4 above.

15. *At the pre-proposal conference, it was noted that the County desired to use a screw press as manufactured by FKC. According to the website [www.fkcscrowpress.com](http://www.fkcscrowpress.com) "FKC" stands for Fukoku Kogyo Company, the inventor of the FKC screw press. The company was established in 1959 in Tokyo, Japan and maintains its headquarters in Tokyo today. FKC operates production factories in Ishinomaki, Japan and in Port Angeles, WA, USA.*

*As the funding for this project is being provided in full or part from the Georgia Environmental Finance Authority (GEFA) which requires compliance with "American Iron and Steel Requirement (AIS), will this equipment be exempt from the AIS? If not, will the County seek an exemption? In addition, are there other product preferences that may require exemptions or the use of funds not subject to AIS?*

Regarding AIS, we note that GEFA / AIS – 4 – 6 discuss the case for waiver from AIS on certain components or construction materials not subject to AIS.

16. *It is our understanding that the existing buildings at the WTP site may not comply with current ADA requirements as they were constructed prior to March 15, 2012. As this project may involve extensive renovations within several buildings, including the construction of an operator's laboratory in the Main Treatment Building, can the County provide any guidance or insight as to how or whether these buildings will have to be brought into compliance with Georgia Rules and Regulations Chapter 120-3? In addition, it is our understanding that the buildings will also have to meet current building codes in the event that the renovation costs exceed 50% of the building replacement costs. Please confirm and if correct, does the project budget include these types of renovation costs?*

At this time, the Owner cannot confirm the validity or merit of Question No. 16. We presume that the selected Design-Builder will employ qualified, professional architectural resources to provide code reviews, assessments and subsequent responses in the Design Development stages of Phase I – Preconstruction Services.

17. *As part of the Phase I Scope of Services, item A.4. requires the proposer to "Provide a cloud based, third party project controls platform (Procore, for instance) or similar project server that will be used to store and exchange information between the Owner, Proposer and subcontractor project designer (if applicable)." Procore and similar*

*products are geared primarily toward construction projects, as opposed to design projects. As such, would other products be considered for use during the initial phase of the project, especially as the fee for the use of named platform, Procore, is based upon the "contract value of the project." In this case, the project cost will not be determined or agreed to by the County until Phase II when the GMP is submitted and accepted by the County.*

Our description and example for shared work space was certainly not exhaustive. The Owner will consider alternative approaches to collaborative work space and communications tools during Phase I and subsequent phases of the Project.

- 18. According to the PER, the original design plans and record drawings for Lake Varner and the raw water intakes could not be located. When was the lake constructed and who was the design engineer of record? Has there been a survey of the lake / reservoir performed recently?*

The County's website currently reveals:

The Cornish Creek Water Treatment Facility was constructed in three phases. The original phase was completed in 1992 with an expansion completed in 1999 and another in 2010. The two earlier phases each have a water treatment capacity of 7.5 million gallons per day and the third phase has a treatment capacity of 10.0 million gallons per day for a total plant capacity of 25.0 million gallons per day.

Welker & Associates, Inc. was the Engineer of Record on the 1992 and 1999 projects. Infratec, Inc. was Engineer of Record on the 2010 project.

There has not been a survey of the lake / reservoir performed recently.

- 19. According to the PER, there are three different elevations for the intake screens, elevations 693, 683, and 673. What is the normal operating water surface in the lake? How does the normal water elevation in the lake vary? What is the average bottom elevation in the lake? The PER indicates that the bottom elevation may be near elevation 669. Is this accurate? Does the bottom elevation of the lake vary? Has the lake been dredged, or does it need to be dredged sometime in the future?*

Full pool for Lake Varner is considered at 701.0 MSL. At the present, we cannot provide definitive answers to the other questions other than to say that the lake has not been dredged. Regarding raw water capacity, as an ancillary document, provide the last yield analyses for the water supply system entitled "Alcovy River Yield Verification Analysis," dated February 2015.

- 20. Are there design and / or record drawings available for the Alcovy River Pump Station No. 2 that used to convey river water to Lake Varner? If not, can a field visit be arranged to allow for the inspection and taking of measurements.*

At this time, we cannot locate record drawings for this system. The Owner will share any and all available record drawings with the selected Design-Builder. For the

purposes of this procurement for Phase I – Pre-Construction Services, the Proposer is advised to include sufficient field survey and reconnaissance effort to cover subsequent design and engineering activities at the facilities described in the Scope of Services.

21. *As the Phase II portion of the work has been deleted for now, how will the County address the DBE requirements for this portion, Phase I, of the work? It was anticipated that the DBE requirements would be met during the construction portion of the work.*

Under its planned agreements for Phase I – Pre-construction and Phase II – Construction Phase Services, the County and its contractors will strive to meet all requirements contained in the SRF Loan No. DW-2017-023 (GEFA Loan Agreement).

22. *Two geotechnical reports were provided. Both were prepared by Geosystems Engineering, Inc. It appears that the original report dated August 14, 2018 was based upon the proposed site plan as shown on "Figure 5.14" Site Plan" in the Plant Assessment Report dated May 2107 and on "Figure 4.31: Site Plan" of the PER dated May 2018. The subsequent report dated November 9, 2018 appears to be prepared based upon a revised site plan that shows all of the new improvements to be located to the north of the existing WTP. However, during the Pre-Proposal Conference, there was no mention made as to the revised site plan. In fact, it was stated that it was the intent of the County to move forward with design as outlined in the approved PER. In addition, during the tour of the facility following the Pre-Proposal Conference, there was no mention of the alternative site and we were led to the location of the existing sludge lagoons which provided the impression that it was the intent of the County to construct the new improvements on the southern portion of the site as opposed to the northern location. Please confirm that the new improvements are to be constructed on the northern location.*

It is the Owner's desire that new improvements be designed and constructed at locations found to be optimum during the campus planning exercise contained within the Scope of Services of Phase I – Preconstruction Services.

23. *The Engineer's Opinion of Probable Project Cost does not appear to be based upon the results of the geotechnical reports as it was prepared prior to the preparation of the geotechnical investigations. The Geotechnical Report dated November 9, 2018 mentions "Difficult Excavation" which refers to "subsurface data show that large quantities of partially weathered rock and auger refusal materials (apparent rock) will be encountered in excavations for the proposed sludge thickeners, clear well and possibly the dewatering building in the northern portion of the site." Given that the work in this area will be "difficult" as described in the geotechnical report, it appears that the estimates prepared may not have included adequate allowances for this work. If this is correct, will the project budget be increased to allow for this additional work, or will the project scope be reduced to stay within the proposed budget? Rather than speculate on this matter, the Owner will look to the selected Design-Builder to advise and recommend the optimum solution for site challenges or constraints. Also see Question 22.*



24. *How firm is the project budget as presented as part of the Engineer's Opinion of Probable Project Cost? It appears that based upon the information presented in the PER that the proposed budget will not be adequate to fully address the needs outlined in the PER.*

The Owner will look to the selected Design-Builder to develop its Design Development documents that should expound on the improvements and alternatives developed during the campus planning activities. See Question 22.

25. *In Section 7 Environmental Concerns of the PER, paragraph 7.1 Wetlands, it is stated that all of the improvements will be "constructed completely within the existing treatment plant building" and that the "proposed project will not impact and wetlands." However, based upon our review of the available documents we respectfully disagree with these statements as the work, if proposed per the site plan in the PER or as proposed per the site plan in the geotechnical report dated November 18, 2018, there may be wetlands present which may need to be permitted and depending upon the extent may require mitigation credits. In addition, in Appendix A of the PER there is a letter from the Army Corps of Engineers which indicates that "a stream and wetland delineation may be required." Please clarify the intent of the County with regard to this matter. Does the proposed project budget include wetlands delineation, wetland credit purchase, or any other fees required for a wetland permit or any other permit required for this project?*

The Owner will develop a viable, priorities based, project budget or budgets based on the outcome of Phase I – Preconstruction Services and subsequent GMP development.

26. *Has the County recently completed a bathymetric survey of the reservoir? If not, is it anticipated that respondents should obtain survey data of the un(der) laying features, topography of the lake bank/bottom in the vicinity of the proposed floating raw water intake?*

The County has not completed such a survey. The Design-Builder should include sufficient survey and reconnaissance services to develop necessary site plans for subsequent design and engineering activities.

27. *Have there been recent evaluations of the existing dam conditions? Newton County has stated that no record drawings available for the dam structure. Are there any drawings (i.e. design, construction, etc) available or any engineering reports available for the structure?*

See Question 20.

28. *The County included DBIA 530, "Standard Form of Agreement between Owner and Design Builder – Cost Plus Fee with an Option for Guaranteed Maximum Price" in the RFP. We request the County consider using DBIA 545, "Progressive Design Build*

*Agreement for Water and Wastewater Projects". We have attached a copy for your use.*

The final form of agreement will be negotiated between the County and the selected Design-Builder.

29. *Article (2) (f) of the Insurance Exhibit states "Commercial Umbrella Liability Coverage: \$5,000,000 (five million dollars) per occurrence shall be provided and will apply over all liability policies, without exception, including but not limited to Commercial General Liability, Commercial Automobile Liability, Employers' Liability, and Professional Liability". We can provide the separate Professional Liability and Umbrella coverage amounts, but note that Umbrella coverage cannot cover Professional Liability (PLI). It can cover Commercial General Liability, Commercial Automobile Liability, and Employers' Liability. Please remove the Professional Liability requirement from this provision.*

We encourage proposers to include comments of a risk or legal nature in the appropriate response section of the Proposal where instructed.

30. *We do not understand the meaning of Article (4) (iv) in the Insurance Exhibit "Separate Coverage. Coverage shall state that the Design-Builder's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to limits of insurance provided". Can you please explain the requirement?*

Please see question 29.

31. *Due to the extensive length of our Team's government funded projects list, and the requirement to include this list (Page 17 of the RFP, Experience, item 1.), we request that these lists be excluded from the 20-page limit and request that the overall 60-page limit be extended.*

Out of consideration for other interested teams, the Owner feels the page limits are reasonable, if not desirable.

32. *Based on the amount of data that was presented within Addendum # 1 and the upcoming holiday limiting time to work on this proposal, we would respectfully request a time extension of no less than 2 weeks be added to the submission data.*

Out of consideration for other interested teams and our need to stay on our schedule, the Owner respectfully declines.

## **Appendix D – Exhibit D (Samples) to Design-Build Agreement**

## Design-Builder's Final, Unconditional Claim Waiver And Release Upon Final Payment

STATE OF GEORGIA  
COUNTY OF NEWTON

The undersigned, \_\_\_\_\_ ("Design-Builder"), has been engaged under contract with Newton County Board of Commissioners ("Owner") to furnish certain materials, equipment, services, and/or labor for the design and construction of improvements known as the **Design-Build Services for Cornish Creek WTP and Water Supply Facilities Improvements** ("Project"), together with all improvements and appurtenances attendant thereto, which is located at Cornish Creek WTP, 11905 Alcovy Road, Covington, GA 30014, Newton County, State of Georgia.

Design-Builder represents that it has been paid in full for all labor, services, equipment and material furnished to the Project, and Design-Builder hereby waives and releases any and all claims, demands, actions, causes of action or other rights against Owner, at law, in contract, tort, equity or otherwise, which Design-Builder has, may have had or may have in the future arising out of Design-Builder's performance of work on the Project.

This Waiver and Release applies to all facts, acts, events, circumstances, changes, constructive or actual delays, accelerations, extra work, disruptions, inefficiencies, interferences and the like which have occurred, or may be claimed to have occurred prior to the date of this Waiver and Release, whether or not known to the Design-Builder at the time of execution of this Waiver and Release.

The Design-Builder further represents that all of its obligations, legal, equitable, or otherwise, relating to or arising out of its work on the Project have been fully satisfied, including, but not limited to obligations relating to:

- Employees, laborers, materialmen and subcontractors employed by the Design-Builder;
- Labor, materials, equipment and supplies furnished by others to the Design-Builder; and
- Sales and use taxes, social security taxes, income tax withholding, unemployment insurance, privilege taxes, license fees, and any other taxes and obligations imposed by governmental authorities.

This Waiver and Release is freely and voluntarily given, and the Design-Builder acknowledges and represents that it has fully reviewed the terms and conditions of this Waiver and Release and that it is fully informed with respect to the legal effect of this Waiver and Release. The Design-Builder understands, agrees and acknowledges that, upon the execution of this document, this document waives rights unconditionally and is fully enforceable to extinguish all claims of the Design-Builder. Design-Builder agrees to indemnify, hold harmless and defend Owner against any and all loss, claims, damages, costs or expense, of any nature whatsoever, including all attorneys' fees, and the fees of consultants, experts and other professionals, arising out of any claims or demands made by any of its employers, laborers, materialmen, subcontractors and consultants, of any tier, for materials, services, equipment and labor supplied to the Project.

**FOR DESIGN-BUILDER:**

Applicable to Application for Payment Nos.   All  

Signed: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**AFFIDAVIT**

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me appeared the above-signed, known or identified to me personally, who, being first duly sworn, did say that s/he is the authorized representative of the Design-Builder and that this document was signed under oath personally and on behalf of the Design-Builder.

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

# Design-Builder's Conditional Claim Waiver And Release Upon Progress Payment

STATE OF GEORGIA  
COUNTY OF NEWTON

The undersigned, \_\_\_\_\_ ("Design-Builder"), has been engaged under contract with Newton County Board of Commissioners ("Owner") to furnish certain materials, equipment, services, and/or labor for the design and construction of improvements known as the **Design-Build Services for Cornish Creek WTP and Water Supply Facilities Improvements** ("Project"), together with all improvements and appurtenances attendant thereto, which is located at Cornish Creek WTP, 11905 Alcovy Road, Covington, GA 30014, Newton County, State of Georgia.

Upon receipt of the sum of \$ \_\_\_\_\_, the Design-Builder waives and releases any and all claims, demands, actions, causes of action or other rights against Owner through the date of \_\_\_\_\_, \_\_\_\_ ("Current Date") and reserves only those rights that the Design-Builder might have in any retained amounts, on account of materials, equipment, services and/or labor furnished by the undersigned to or on account of Owner or any other entity for said Project. Exceptions as follows:

(If no exception or "none" is entered above, undersigned shall be deemed not to have reserved any claim except those rights it may have in retained amounts.)

Design-Builder affirms, warrants, and represents that Design-Builder has paid in full all laborers, materialmen, mechanics, manufacturers, suppliers, and subcontractors for all work performed and who have furnished services, labor, equipment, or materials, or any one of these items to the Design-Builder, for use at the Project through and including \_\_\_\_\_, \_\_\_\_ (date of Design-Builder's last prior Application for Payment), and that the Design-Builder is not indebted to any person or entity for labor, equipment, services or materials used in connection with or as a part of such Project in any amount whatsoever through and including the date hereof, except as listed below:

(If no persons or entities listed or "none" is entered above, undersigned shall be deemed to have represented that it is not indebted to any person or entity for labor, equipment, services or materials used in connection with or as a part of the Project.)

Design-Builder further affirms, warrants, and represents that there are no outstanding claims of any nature, contractual or otherwise, or for any personal injury, death or property damage, arising from or associated with the performance of the Design-Builder's work through and including the date hereof which might be the basis of any claim, suit, lien, or demand that could be asserted against Owner, Design-Builder, the Project, and all property, real and personal, related to the Project other than those exceptions listed above.

This Waiver and Release is freely and voluntarily given, and the undersigned acknowledges and represents that it has fully reviewed the terms and conditions of this Waiver and Release, that it is fully informed with respect to the legal effect of this Waiver and Release, and that it has voluntarily chosen to accept the terms and conditions of this Waiver and Release in return for the payment recited above. Design-Builder agrees to indemnify, hold harmless and defend Owner against any and all loss, claims, damages, costs or expense, of any nature whatsoever, including all attorneys' fees, and the fees of consultants, experts and other professionals, arising out of any claims or demands made by any of its employees, laborers, materialmen, subcontractors and consultants, of any tier, for materials, services, equipment and labor supplied to the Project through the Current Date other than those exceptions listed above.

The undersigned further agrees that making and receipt of payment and execution of this Waiver and Release shall in no way release the undersigned from its continuing obligations with respect to the completion of any work remaining undone, including any obligations of the undersigned to the Owner.

**FOR DESIGN-BUILDER:**

Applicable to Application for Payment No(s). \_\_\_\_\_

Signed: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**AFFIDAVIT**

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me appeared the above-signed, known or identified to me personally, who, being first duly sworn, did say that s/he is the authorized representative of the Design-Builder and that this document was signed under oath personally and on behalf of the Design-Builder.

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

SAMPLE

## **Addendum No. 3 – Additional Project Document**

# TECHNICAL MEMORANDUM

FOR THE

## Alcovy River Yield Verification Analysis

### Newton County Water and Sewerage Authority



Newton County Water and Sewerage Authority  
11325 Brown Bridge Road  
Covington, Georgia 30016

PREPARED BY

W.K. DICKSON & CO., INC.  
2120 Powers Ferry Road, Suite 100  
Atlanta, Georgia 30339



February 2015



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Appendix B – Stream Flow Gauge Data

Appendix C – Drainage Areas and Alcovy River Flow Diagram

Appendix D – Permit Limits

Appendix E – Evaporation Data

Appendix F – Lake Varner Reservoir Storage

Appendix G – Bear Creek Reservoir Storage

Appendix H – Alcovy River Stream Flows

Appendix I – Reservoir Yield for Lake Varner Reservoir

Appendix J – Reservoir Yield for Bear Creek Reservoir

## **A. Purpose of Report**

Newton County Water and Sewerage Authority (NCWSA) receives all of its water supply from Newton County, and delivers that potable water to its retail customers in Newton County. Over the past few years, NCWSA has received conflicting information regarding the dependable yield of the existing water supply, Lake Varner, and the proposed Bear Creek Reservoir, both of which are pumped storage reservoirs. Information in the report prepared by Infratec Consultants, Inc. entitled "Alcovy River Water Supply Yield Model, Revised September 2009, Updated to include the Drought of 2007-2008" (*Infratec Report*) for Newton County Water System; and in the letter to the Newton County Attorney prepared by Schnabel Dam Engineering, Inc. and dated May 23, 2013, referenced two differing opinions on the dependable yield of Lake Varner.

WK Dickson was asked to perform an independent yield analysis of the Alcovy River for both Lake Varner and the proposed Bear Creek Reservoir, *using available data only* for the most recent drought of 2007-2008 and verify the dependable reservoir yields.

## **B. Definitions**

Safe Yield - Reservoir safe yield is a term generally defined as the theoretically available quantity of water, from a surface water source(s) within a watershed, that can be reliably provided by reservoir storage during a critical drought period. Additionally, the water source(s) must have acceptable quality, and the diversion of water away from the source must not diminish instream flow quantities below regulatory requirements for that source.

Safe yield is dependent upon many factors. These include the characteristics of the hydrologic cycle (rainfall/runoff/evaporation), the storage facilities, the water source, the selected critical drought, upstream and downstream permitted withdrawals, and the regulatory non-depletable flow (NDF) requirements set by the Georgia Environmental Protection Division (EPD) for the source water. Safe yield in this study was simulated using a constant average daily demand. While total water demands after declaration of a drought condition may be less than normal because of water use restrictions, this is a conservative assumption to help assure that the stated yield is in fact available during a severe drought condition.

Non-depletable flow - Is the "instream flow consisting of the 7Q10 flow plus an additional flow needed to ensure the availability of water to downstream users. Non-depletable flow is normally calculated by adding the 7Q10 flow to the pro rata share of the downstream withdrawal, using the drainage area ratio method", Georgia Rules and Regulations for Water Quality Control, Chapter 391-3-6.

Critical Drought - The critical drought period in the State of Georgia is typically defined as the historic drought of record (within the limits of available data) in which streamflows supporting water supply had the least capacity. The reservoir yield analysis originally done in support of permitting for Lake Varner was based on the 1986-1988 drought, and was

updated in the *Infratec Report* in 2009 to reflect the most current drought of 2007-2008. In many parts of Georgia the impacts of the 2007-2008 drought were more severe than other preceding droughts; however, the local circumstances in any drought can be highly variable. Based on results presented in the *Infratec Report*, it appears that in terms of safe yield for the Alcovy River in Newton County the 1986-88 and 2007-2008 results were similar. The analysis done for this report was based on the critical drought period from 2007-2008 because of the better quality of available record data.

Pumped-Storage Reservoir – A “pumped-storage” reservoir is typically configured on a tributary of a larger river, and the natural inflow into the tributary reservoir is supplemented with pumped flows diverted from a larger nearby surface water source, such as a stream or river. During periods when flows exceed those required to satisfy instream flows and other permitted withdrawals, water can be pumped from the river to the tributary reservoir to be utilized during times of drought or low flows. The amount of diverted flow is regulated and a maximum diversion limit is set by the EPD. Other users’ permitted withdrawal amounts may vary seasonally and often with the permitted thresholds of streamflow, as is the case with the Alcovy River. Consequently, a daily routing model of the Alcovy River flows at the point of diversions was developed to theoretically determine the flow availability for both the existing Lake Varner intake and the proposed Bear Creek Reservoir intake. Model development is discussed in further depth in Section C.

### **C. Model Development and Methodology**

WK Dickson developed an Excel spreadsheet model to simulate the theoretical performance of the Alcovy River, including the existing Lake Varner reservoir and the proposed Bear Creek Reservoir.

Daily stream flow data for the Alcovy River was incorporated into the spreadsheet model using the most current streamflow data available from the USGS website for Gauge Number 02208450 (Alcovy River near Covington, GA). Daily streamflow records were available for this gauge from January 26, 1972 through present day. For this analysis, the unimpaired flow data set prepared in the *Infratec Report*, which accounts for all permitted withdrawals and discharges in the Alcovy Basin, was checked against USGS data and used to simulate the 2007-2009 drought flows.

Four permitted withdrawals currently operate upstream of the USGS gauge. These withdrawals are owned and operated by the City of Monroe, the City of Social Circle and Newton County Water System. The two withdrawals owned by Newton County Water System are the William Street Water Treatment Plant intake and the Lake Varner intake, and are adjacent to each other. To account for these withdrawals in the model dataset, actual withdrawal records noted in Appendix A of the *Infratec Report* were used to reconstruct the unimpaired available Alcovy River flow from January 1, 2006 to May 31, 2009. This period was utilized in the model to assess the Alcovy River and the performance of the reservoirs because other needed withdrawal records were unavailable for prior drought periods.

Additionally, basic information needed for the analysis such as drainage areas, stream miles, and area-capacity tables for the reservoirs were not recalculated due to budget constraints and were likewise taken from the *Infratec Report*. Permitted water withdrawal and instream flow requirements, as specified in the Surface Water Withdrawal and operating permits for the various water system components, including the City of Monroe and the City of Social Circle withdrawals, were obtained from EPD files and incorporated into the model. Recently, Newton County has proposed to move the Bear Creek Reservoir dam location upstream, but area-capacity information for this configuration was not available and so the existing dam configuration was evaluated.

Stage-Storage curves were developed using the area-capacity data shown in the "Reservoir Geometry Data" table of the *Infratec Report*. In this table, reservoir stage elevations are given along with the associated reservoir pool surface area. Using this data, the average end area method was used to develop incremental storage volumes at each elevation given. These incremental storage volumes were in turn used to develop a cumulative storage volume, at each stage elevation, for both the Lake Varner Reservoir and the proposed Bear Creek Reservoir. The volumes calculated using this method exceeded the full pool values given in the *Infratec Report* by 28.17 MG's for the Lake Varner Reservoir and 70.89 MG's for the Bear Creek Reservoir. Next, the calculated cumulative storage values were plotted against the stage elevation to create a stage storage curve. Once the curve was developed, regression analysis was used to create a formula relating reservoir storage volume to reservoir storage elevation. This formula was used in the model to calculate the elevation in the reservoir at the varying storage volumes.

The yield model included the following assumptions:

- a) Evaporation loss was based on historical evaporation rates, determined at the University of Georgia - Plant Science Farm Station GHCND: USC00098950, multiplied by the surface area of the reservoir. Pan evaporation data was not available for the 2006-2009 drought period but was available for the previous critical drought of record from 1986-1987. The 1986-1987 monthly pan evaporation data was used to determine the net evaporation. Net evaporation was assumed equal to 70% of pan evaporation during each month. Precipitation on the reservoir surface was assumed to be 65% of station recorded precipitation.
- c) Minimum downstream non-depletable flow (NDF) for the Alcovy River of 22 cubic feet per second (cfs) (14.22 million gallons per day (MGD)) was used for the existing Lake Varner intake and a NDF of 20.5 cfs (13.25 MGD) was used for the proposed Bear Creek Reservoir intake. These values are specified in the water withdrawal permits for each location, by Georgia EPD.
- d) Minimum NDF for Cornish Creek of 2.2 cfs was included as an outflow from Lake Varner, and minimum NDF for Bear Creek of 2.8 cfs was included as an outflow from the Bear Creek Reservoir.

- e) Withdrawals for the City of Monroe, the City of Social Circle, and the Williams Street WTP were assumed to be at their permitted maximums for every timestep.
- f) A drainage area ratio method was applied to the streamflow data from the USGS gauge and the *Infratec Report* to estimate streamflows at various locations, including the intake locations for the existing and proposed reservoirs.
- g) Consistent with EPD guidance, dead storage of 20% of the total reservoir storage was set aside in the model, to allow for sediment storage and poor water quality in lower reservoir storage elevations.
- h) Safe yield verification during the analyzed period was found by iteration of the following daily mass balance equation:

$$\text{Ending Storage} = (\text{beginning storage}) + (\text{natural inflow}) + (\text{pumped diversion flow}) - (\text{water supply withdrawal}) - (\text{evaporation}) - (\text{outflow})$$

The period of analysis was set so that the reservoirs would be full at the beginning of the critical drought. Additionally, the model assumes that any flow available above the established NDF for the Alcovy River (including provisions for Monroe and Social Circle withdrawals) will be withdrawn up to the permitted maximum, with upstream priority given to Lake Varner over Bear Creek. To analyze the reservoir safe yield for both Lake Varner and Bear Creek, the permitted withdrawal rate was input and checked to see if the usable storage (gross storage less dead storage) fell below the dead storage volume. Any withdrawal amount that caused the storage elevation to fall below the dead storage threshold indicated that the reservoir would not have suitable storage volume for the input withdrawal. Further, WK Dickson verified that the reservoir would return to full pool before the end of the drought period.

- i) Seepage losses were not considered.

#### **D. Analysis and Findings**

The safe yield analysis performed in this study is based on a period of record from January 1, 2006 to May 31, 2009, using the methodology and assumptions listed above and by utilizing streamflow and climatic data specific to the site.

The model confirmed that for the 2007-2008 drought, a reliable safe yield of 23 MGD from Lake Varner can be achieved through pumped storage, utilizing the Alcovy River as a supplemental water source. The lowest calculated reservoir storage volume reached in Lake Varner would be 793 million gallons (MG), see *Figure 1*. The minimum storage required in order to have 20% dead storage in Lake Varner is 778.85 MG. Analysis showed that the lowest storage reached would be above the minimum, indicating that Lake Varner is capable of a safe yield of 23MGD.

The proposed Bear Creek Reservoir would also utilize the Alcovy River as a supplemental water source; however, the model indicated that for the 2007-2008 drought period, a reliable safe yield of 28 MGD could not be achieved through pumped storage. Trial depreciating safe yield values were input into the model until such time that the lowest reservoir volume did not fall below the required 20% minimum storage of 1139.31 MG. The safe yield for Bear Creek appears to be 23.8 MGD, using the assumptions previously stated and assuming a full yield of 23 MGD in Lake Varner. It should be pointed out that this analysis was performed using the stage-storage relationships developed in the *Infratec Report*. If the volume of storage for Bear Creek Reservoir has been revised since that time, the safe yield calculation could change. Also, recent Newton County correspondence with the US Army Corps of Engineers (November 10, 2014 response to Agency comments) indicates that the County has proposed moving the dam site upstream, which would likely change the storage volume at Bear Creek Reservoir and could affect the safe yield.

**Figure 1. Drawdown and Pumped Diverted Flow for Lake Varner**  
 Safe Yield = 23 MGD  
 Minimum Storage Volume = 778.75 MG

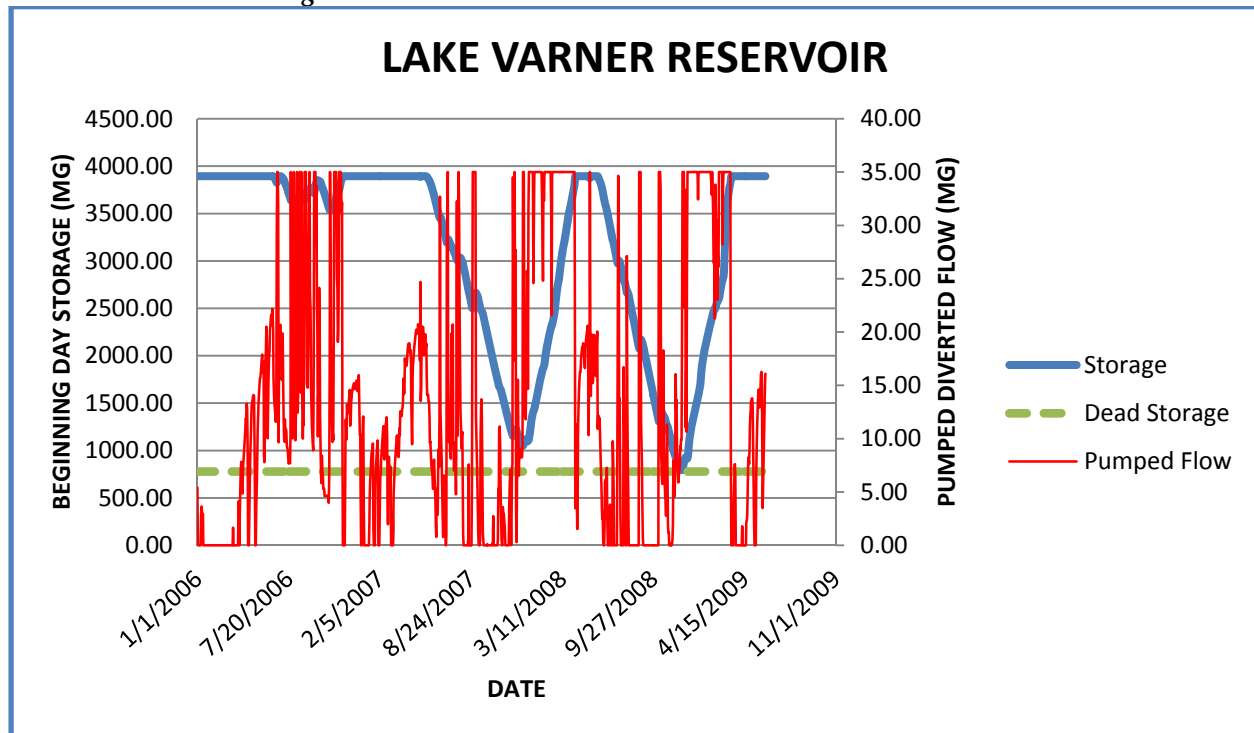
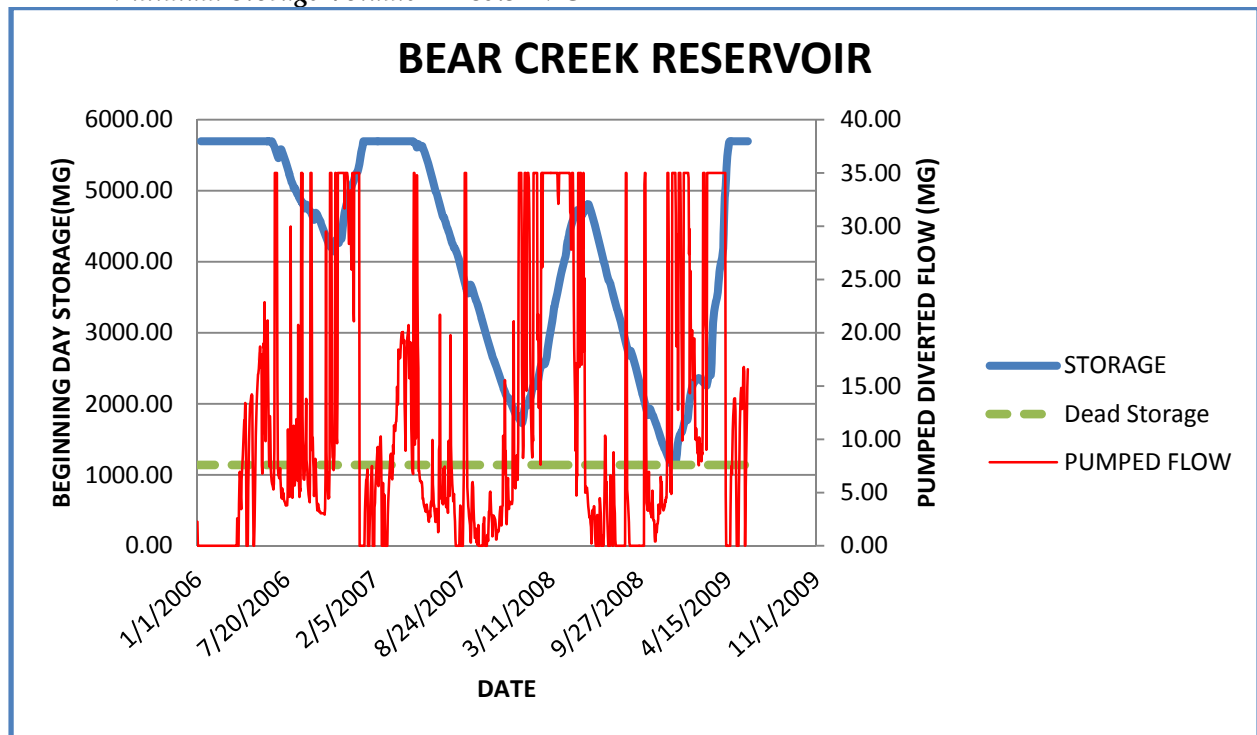


Figure 2. Drawdown and Pumped Diverted Flow for Bear Creek Reservoir  
Safe Yield = 23.8 MGD  
Minimum Storage Volume = 1139.31 MG



### E. References

1. Georgia Department of Natural Resources Environmental Protection Division, *Rules and Regulations for Water Quality Control*, Chapter 391-3-6.07, Revised – March 2011
2. *Alcovy River Water Supply Yield Model, Revised September 2009, Updated to include the Drought of 2007-2008*, prepared by Infratec Consultants, Inc.
3. Subject Letter entitled *Lake Varner Safe Yield*, prepared by Schnabel Dam Engineering, Inc. and dated May 23, 2013
4. Letter to Project Manager, US Army Corps of Engineers, Piedmont Division, *Re: Newton County Board of Commissioners Application Number 2000-03600, Bear Creek Reservoir, Response to JPN Comments*, prepared by Wm. Thomas Craig, November 10, 2014.

(End of Technical Memorandum)

## APPENDIX - A

### Infratec Report Appendix A Data

\*Data contained within this tab was collected from the "Alcovy River Water Supply Yield Model, Revised September 2009" and "Updated to include the Drought of 2007-2008" "Newton County Water System" as prepared by Infratec Consultants, Inc. Data contained herein was not verified. The data below is further explained by Infratec, Inc.

"Four permitted withdrawals currently exist on the Alcovy River upstream of the USGS gage. These are operated by the City of Monroe, the City of Social Circle and the Newton County Water System. Newton County operates two withdrawals. One of the Newton County withdrawals is the pre-1977 permit originally issued to the City of Covington. This permit has no instream flow protection requirement and pumps to City Pond in Covington. The other Newton County withdrawal is a recently constructed intake that pumps to Lake Varner. The non-depleteable flow for this intake is 22 cfs. Daily records for both Newton County intakes were obtained and summed for the Newton County diversion on each date. For Monroe, monthly average withdrawals were obtained and divided by the number of days in the month to derive at a daily withdrawals. This does not introduce any significant error over periods of storage use. The Social Circle withdrawal is typically about 0.5 MGD. No correction was added for this withdrawal, making the dataset slightly more conservative."

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
1/1/2006	1.25	3.91	5.16	8	181	189
1/2/2006	1.25	3.91	5.16	8	268	276
1/3/2006	1.25	3.91	5.16	8	526	534
1/4/2006	1.25	3.91	5.16	8	487	495
1/5/2006	1.25	3.91	5.16	8	400	408
1/6/2006	1.25	3.91	5.16	8	301	309
1/7/2006	1.25	3.91	5.16	8	253	261
1/8/2006	1.25	3.91	5.16	8	225	233
1/9/2006	1.25	3.91	5.16	8	209	217
1/10/2006	1.25	3.91	5.16	8	200	208
1/11/2006	1.25	3.91	5.16	8	206	214
1/12/2006	1.25	3.91	5.16	8	208	216
1/13/2006	0.52	3.91	4.43	7	209	216
1/14/2006	0.00	3.91	3.91	6	278	284
1/15/2006	0.00	3.91	3.91	6	317	323
1/16/2006	0.00	3.91	3.91	6	291	297
1/17/2006	0.00	3.91	3.91	6	249	255
1/18/2006	0.52	3.91	4.43	7	344	351
1/19/2006	1.25	3.91	5.16	8	434	442
1/20/2006	1.25	3.91	5.16	8	524	532
1/21/2006	1.25	3.91	5.16	8	392	400
1/22/2006	1.25	3.91	5.16	8	331	339
1/23/2006	1.25	3.91	5.16	8	352	360
1/24/2006	1.25	3.91	5.16	8	457	465
1/25/2006	1.25	3.91	5.16	8	858	866
1/26/2006	1.25	3.91	5.16	8	948	956



Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
1/27/2006	1.25	3.91	5.16	8	557	565
1/28/2006	1.25	3.91	5.16	8	399	407
1/29/2006	1.25	3.91	5.16	8	345	353
1/30/2006	1.25	3.91	5.16	8	347	355
1/31/2006	1.25	3.91	5.16	8	341	349
2/1/2006	2.44	3.85	6.29	10	297	307
2/2/2006	0.99	3.85	4.84	7	274	281
2/3/2006	0.00	3.85	3.85	6	274	280
2/4/2006	0.00	3.85	3.85	6	276	282
2/5/2006	0.00	3.85	3.85	6	265	271
2/6/2006	0.00	3.85	3.85	6	290	296
2/7/2006	0.00	3.85	3.85	6	617	623
2/8/2006	2.23	3.85	6.08	9	947	956
2/9/2006	3.83	3.85	7.68	12	792	804
2/10/2006	5.55	3.85	9.40	15	512	527
2/11/2006	3.04	3.85	6.89	11	425	436
2/12/2006	2.44	3.85	6.29	10	411	421
2/13/2006	3.50	3.85	7.35	11	397	408
2/14/2006	2.48	3.85	6.33	10	344	354
2/15/2006	1.06	3.85	4.91	8	311	319
2/16/2006	0.00	3.85	3.85	6	284	290
2/17/2006	0.00	3.85	3.85	6	273	279
2/18/2006	0.00	3.85	3.85	6	265	271
2/19/2006	0.00	3.85	3.85	6	263	269
2/20/2006	0.00	3.85	3.85	6	260	266
2/21/2006	0.00	3.85	3.85	6	263	269
2/22/2006	0.00	3.85	3.85	6	271	277
2/23/2006	0.00	3.85	3.85	6	494	500
2/24/2006	0.00	3.85	3.85	6	838	844
2/25/2006	0.00	3.85	3.85	6	915	921
2/26/2006	0.00	3.85	3.85	6	903	909
2/27/2006	0.00	3.85	3.85	6	820	826
2/28/2006	0.00	3.85	3.85	6	682	688
3/1/2006	0.00	3.81	3.81	6	507	513
3/2/2006	0.00	3.81	3.81	6	422	428
3/3/2006	0.00	3.81	3.81	6	376	382
3/4/2006	0.00	3.81	3.81	6	340	346
3/5/2006	0.00	3.81	3.81	6	309	315
3/6/2006	1.79	3.81	5.60	9	289	298
3/7/2006	2.44	3.81	6.25	10	282	292

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
3/8/2006	2.49	3.81	6.30	10	272	282
3/9/2006	0.55	3.81	4.36	7	261	268
3/10/2006	0.00	3.81	3.81	6	272	278
3/11/2006	0.00	3.81	3.81	6	302	308
3/12/2006	0.00	3.81	3.81	6	304	310
3/13/2006	0.00	3.81	3.81	6	271	277
3/14/2006	0.00	3.81	3.81	6	313	319
3/15/2006	0.00	3.81	3.81	6	377	383
3/16/2006	0.00	3.81	3.81	6	350	356
3/17/2006	0.00	3.81	3.81	6	289	295
3/18/2006	0.00	3.81	3.81	6	263	269
3/19/2006	0.00	3.81	3.81	6	246	252
3/20/2006	0.00	3.81	3.81	6	240	246
3/21/2006	0.00	3.81	3.81	6	442	448
3/22/2006	1.39	3.81	5.20	8	765	773
3/23/2006	2.40	3.81	6.21	10	799	809
3/24/2006	2.40	3.81	6.21	10	533	543
3/25/2006	2.40	3.81	6.21	10	391	401
3/26/2006	0.00	3.81	3.81	6	336	342
3/27/2006	1.39	3.81	5.20	8	299	307
3/28/2006	2.40	3.81	6.21	10	277	287
3/29/2006	2.40	3.81	6.21	10	270	280
3/30/2006	2.40	3.81	6.21	10	263	273
3/31/2006	2.40	3.81	6.21	10	252	262
4/1/2006	0.80	4.26	5.06	8	247	255
4/2/2006	2.40	4.26	6.66	10	256	266
4/3/2006	4.46	4.26	8.72	13	287	300
4/4/2006	3.54	4.26	7.80	12	255	267
4/5/2006	1.95	4.26	6.21	10	233	243
4/6/2006	0.51	4.26	4.77	7	216	223
4/7/2006	0.00	4.26	4.26	7	208	215
4/8/2006	0.00	4.26	4.26	7	214	221
4/9/2006	0.00	4.26	4.26	7	231	238
4/10/2006	0.00	4.26	4.26	7	240	247
4/11/2006	0.00	4.26	4.26	7	215	222
4/12/2006	0.00	4.26	4.26	7	211	218
4/13/2006	0.00	4.26	4.26	7	196	203
4/14/2006	0.00	4.26	4.26	7	189	196
4/15/2006	0.91	4.26	5.17	8	184	192
4/16/2006	2.82	4.26	7.08	11	169	180

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
4/17/2006	2.82	4.26	7.08	11	160	171
4/18/2006	7.61	4.26	11.87	18	154	172
4/19/2006	7.01	4.26	11.27	17	139	156
4/20/2006	6.51	4.26	10.77	17	144	161
4/21/2006	10.66	4.26	14.92	23	177	200
4/22/2006	10.66	4.26	14.92	23	305	328
4/23/2006	10.66	4.26	14.92	23	486	509
4/24/2006	9.37	4.26	13.63	21	447	468
4/25/2006	0.00	4.26	4.26	7	257	264
4/26/2006	2.80	4.26	7.06	11	217	228
4/27/2006	2.80	4.26	7.06	11	193	204
4/28/2006	2.80	4.26	7.06	11	178	189
4/29/2006	2.80	4.26	7.06	11	160	171
4/30/2006	2.80	4.26	7.06	11	147	158
5/1/2006	1.31	4.76	6.07	9	141	150
5/2/2006	2.63	4.76	7.39	11	137	148
5/3/2006	6.34	4.76	11.10	17	127	144
5/4/2006	7.23	4.76	11.99	19	124	143
5/5/2006	2.63	4.76	7.39	11	133	144
5/6/2006	2.63	4.76	7.39	11	180	191
5/7/2006	2.63	4.76	7.39	11	219	230
5/8/2006	2.63	4.76	7.39	11	307	318
5/9/2006	2.63	4.76	7.39	11	334	345
5/10/2006	2.63	4.76	7.39	11	245	256
5/11/2006	2.63	4.76	7.39	11	222	233
5/12/2006	2.63	4.76	7.39	11	202	213
5/13/2006	2.63	4.76	7.39	11	168	179
5/14/2006	2.63	4.76	7.39	11	148	159
5/15/2006	2.63	4.76	7.39	11	141	152
5/16/2006	2.63	4.76	7.39	11	134	145
5/17/2006	2.63	4.76	7.39	11	122	133
5/18/2006	2.63	4.76	7.39	11	115	126
5/19/2006	2.63	4.76	7.39	11	114	125
5/20/2006	2.63	4.76	7.39	11	110	121
5/21/2006	2.63	4.76	7.39	11	103	114
5/22/2006	2.63	4.76	7.39	11	96	107
5/23/2006	2.63	4.76	7.39	11	91	102
5/24/2006	14.89	4.76	19.65	30	90	120
5/25/2006	14.89	4.76	19.65	30	81	111
5/26/2006	14.89	4.76	19.65	30	79	109

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
5/27/2006	14.89	4.76	19.65	30	174	204
5/28/2006	14.89	4.76	19.65	30	181	211
5/29/2006	14.89	4.76	19.65	30	102	132
5/30/2006	14.89	4.76	19.65	30	79	109
5/31/2006	15.94	4.76	20.70	32	67	99
6/1/2006	9.68	5.65	15.33	24	61	85
6/2/2006	9.24	5.65	14.89	23	89	112
6/3/2006	4.84	5.65	10.49	16	174	190
6/4/2006	4.84	5.65	10.49	16	182	198
6/5/2006	7.47	5.65	13.12	20	144	164
6/6/2006	7.47	5.65	13.12	20	112	132
6/7/2006	7.03	5.65	12.68	20	96	116
6/8/2006	6.54	5.65	12.19	19	84	103
6/9/2006	2.63	5.65	8.28	13	75	88
6/10/2006	2.63	5.65	8.28	13	69	82
6/11/2006	2.63	5.65	8.28	13	64	77
6/12/2006	2.52	5.65	8.17	13	60	73
6/13/2006	0.82	5.65	6.47	10	61	71
6/14/2006	2.43	5.65	8.08	13	67	80
6/15/2006	2.43	5.65	8.08	13	64	77
6/16/2006	2.43	5.65	8.08	13	57	70
6/17/2006	2.43	5.65	8.08	13	53	66
6/18/2006	2.43	5.65	8.08	13	49	62
6/19/2006	2.43	5.65	8.08	13	47	60
6/20/2006	2.43	5.65	8.08	13	46	59
6/21/2006	2.43	5.65	8.08	13	45	58
6/22/2006	2.43	5.65	8.08	13	43	56
6/23/2006	2.43	5.65	8.08	13	47	60
6/24/2006	2.43	5.65	8.08	13	72	85
6/25/2006	2.43	5.65	8.08	13	113	126
6/26/2006	1.85	5.65	7.50	12	127	139
6/27/2006	21.45	5.65	27.10	42	173	215
6/28/2006	22.29	5.65	27.94	43	159	202
6/29/2006	22.29	5.65	27.94	43	85	128
6/30/2006	22.29	5.65	27.94	43	69	112
7/1/2006	2.63	5.14	7.77	12	69	81
7/2/2006	2.63	5.14	7.77	12	59	71
7/3/2006	2.63	5.14	7.77	12	53	65
7/4/2006	2.63	5.14	7.77	12	54	66
7/5/2006	2.63	5.14	7.77	12	51	63

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
7/6/2006	2.63	5.14	7.77	12	52	64
7/7/2006	2.46	5.14	7.60	12	58	70
7/8/2006	2.46	5.14	7.60	12	51	63
7/9/2006	2.46	5.14	7.60	12	44	56
7/10/2006	2.46	5.14	7.60	12	38	50
7/11/2006	2.46	5.14	7.60	12	37	49
7/12/2006	2.46	5.14	7.60	12	44	56
7/13/2006	2.46	5.14	7.60	12	37	49
7/14/2006	2.46	5.14	7.60	12	41	53
7/15/2006	2.46	5.14	7.60	12	40	52
7/16/2006	2.46	5.14	7.60	12	36	48
7/17/2006	2.46	5.14	7.60	12	35	47
7/18/2006	2.59	5.14	7.73	12	34	46
7/19/2006	2.59	5.14	7.73	12	33	45
7/20/2006	2.59	5.14	7.73	12	32	44
7/21/2006	2.59	5.14	7.73	12	32	44
7/22/2006	2.59	5.14	7.73	12	32	44
7/23/2006	2.59	5.14	7.73	12	32	44
7/24/2006	3.18	5.14	8.32	13	38	51
7/25/2006	16.72	5.14	21.86	34	60	94
7/26/2006	3.18	5.14	8.32	13	56	69
7/27/2006	3.18	5.14	8.32	13	53	66
7/28/2006	3.18	5.14	8.32	13	39	52
7/29/2006	3.18	5.14	8.32	13	37	50
7/30/2006	3.18	5.14	8.32	13	68	81
7/31/2006	19.56	5.14	24.70	38	80	118
8/1/2006	12.12	4.50	16.62	26	58	84
8/2/2006	8.65	4.50	13.15	20	40	60
8/3/2006	3.42	4.50	7.92	12	40	52
8/4/2006	3.42	4.50	7.92	12	37	49
8/5/2006	1.71	4.50	6.21	10	49	59
8/6/2006	3.42	4.50	7.92	12	63	75
8/7/2006	18.94	4.50	23.44	36	58	94
8/8/2006	7.56	4.50	12.06	19	55	74
8/9/2006	3.18	4.50	7.68	12	46	58
8/10/2006	6.23	4.50	10.73	17	45	62
8/11/2006	11.54	4.50	16.04	25	50	75
8/12/2006	17.51	4.50	22.01	34	44	78
8/13/2006	17.51	4.50	22.01	34	61	95
8/14/2006	15.49	4.50	19.99	31	45	76

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
8/15/2006	17.21	4.50	21.71	34	38	72
8/16/2006	5.30	4.50	9.80	15	46	61
8/17/2006	22.25	4.50	26.75	41	65	106
8/18/2006	4.39	4.50	8.89	14	54	68
8/19/2006	4.39	4.50	8.89	14	45	59
8/20/2006	4.39	4.50	8.89	14	36	50
8/21/2006	4.39	4.50	8.89	14	42	56
8/22/2006	3.24	4.50	7.74	12	42	54
8/23/2006	6.18	4.50	10.68	17	63	80
8/24/2006	25.14	4.50	29.64	46	111	157
8/25/2006	25.22	4.50	29.72	46	67	113
8/26/2006	19.11	4.50	23.61	37	98	135
8/27/2006	19.11	4.50	23.61	37	59	96
8/28/2006	19.11	4.50	23.61	37	45	82
8/29/2006	7.44	4.50	11.94	18	44	62
8/30/2006	7.13	4.50	11.63	18	44	62
8/31/2006	7.07	4.50	11.57	18	44	62
9/1/2006	7.80	4.08	11.88	18	50	68
9/2/2006	8.04	4.08	12.12	19	63	82
9/3/2006	7.87	4.08	11.95	18	71	89
9/4/2006	7.87	4.08	11.95	18	79	97
9/5/2006	6.69	4.08	10.77	17	59	76
9/6/2006	7.48	4.08	11.56	18	55	73
9/7/2006	7.78	4.08	11.86	18	46	64
9/8/2006	4.39	4.08	8.47	13	44	57
9/9/2006	4.39	4.08	8.47	13	41	54
9/10/2006	4.39	4.08	8.47	13	38	51
9/11/2006	4.39	4.08	8.47	13	35	48
9/12/2006	4.39	4.08	8.47	13	33	46
9/13/2006	4.39	4.08	8.47	13	52	65
9/14/2006	26.91	4.08	30.99	48	107	155
9/15/2006	28.20	4.08	32.28	50	187	237
9/16/2006	25.55	4.08	29.63	46	140	186
9/17/2006	13.01	4.08	17.09	26	84	110
9/18/2006	9.86	4.08	13.94	22	61	83
9/19/2006	14.12	4.08	18.20	28	63	91
9/20/2006	12.72	4.08	16.80	26	49	75
9/21/2006	12.68	4.08	16.76	26	44	70
9/22/2006	4.62	4.08	8.70	13	37	50
9/23/2006	6.51	4.08	10.59	16	44	60

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
9/24/2006	6.51	4.08	10.59	16	43	59
9/25/2006	6.51	4.08	10.59	16	60	76
9/26/2006	3.59	4.08	7.67	12	60	72
9/27/2006	1.97	4.08	6.05	9	47	56
9/28/2006	3.06	4.08	7.14	11	35	46
9/29/2006	0.00	4.08	4.08	6	35	41
9/30/2006	0.00	4.08	4.08	6	34	40
10/1/2006	2.96	4.18	7.14	11	34	45
10/2/2006	0.69	4.18	4.87	8	35	43
10/3/2006	0.00	4.18	4.18	6	35	41
10/4/2006	0.00	4.18	4.18	6	33	39
10/5/2006	0.00	4.18	4.18	6	33	39
10/6/2006	0.00	4.18	4.18	6	33	39
10/7/2006	0.00	4.18	4.18	6	32	38
10/8/2006	0.00	4.18	4.18	6	32	38
10/9/2006	0.00	4.18	4.18	6	32	38
10/10/2006	0.00	4.18	4.18	6	32	38
10/11/2006	0.00	4.18	4.18	6	32	38
10/12/2006	0.00	4.18	4.18	6	32	38
10/13/2006	0.00	4.18	4.18	6	32	38
10/14/2006	0.00	4.18	4.18	6	32	38
10/15/2006	0.00	4.18	4.18	6	32	38
10/16/2006	0.00	4.18	4.18	6	31	37
10/17/2006	2.67	4.18	6.85	11	31	42
10/18/2006	4.39	4.18	8.57	13	53	66
10/19/2006	18.19	4.18	22.37	35	83	118
10/20/2006	12.19	4.18	16.37	25	56	81
10/21/2006	12.19	4.18	16.37	25	43	68
10/22/2006	12.19	4.18	16.37	25	40	65
10/23/2006	9.68	4.18	13.86	21	34	55
10/24/2006	2.74	4.18	6.92	11	38	49
10/25/2006	4.39	4.18	8.57	13	38	51
10/26/2006	4.39	4.18	8.57	13	36	49
10/27/2006	4.39	4.18	8.57	13	55	68
10/28/2006	9.88	4.18	14.06	22	203	225
10/29/2006	27.03	4.18	31.21	48	264	312
10/30/2006	26.62	4.18	30.80	48	225	273
10/31/2006	14.02	4.18	18.20	28	99	127
11/1/2006	16.70	3.46	20.16	31	76	107
11/2/2006	13.73	3.46	17.19	27	63	90

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
11/3/2006	11.97	3.46	15.43	24	54	78
11/4/2006	13.59	3.46	17.05	26	50	76
11/5/2006	11.11	3.46	14.57	23	46	69
11/6/2006	11.84	3.46	15.30	24	47	71
11/7/2006	17.93	3.46	21.39	33	46	79
11/8/2006	10.79	3.46	14.25	22	74	96
11/9/2006	10.79	3.46	14.25	22	110	132
11/10/2006	10.79	3.46	14.25	22	112	134
11/11/2006	10.79	3.46	14.25	22	82	104
11/12/2006	9.58	3.46	13.04	20	72	92
11/13/2006	9.70	3.46	13.16	20	67	87
11/14/2006	15.89	3.46	19.35	30	65	95
11/15/2006	6.22	3.46	9.68	15	91	106
11/16/2006	19.72	3.46	23.18	36	334	370
11/17/2006	22.98	3.46	26.44	41	484	525
11/18/2006	21.69	3.46	25.15	39	709	748
11/19/2006	24.19	3.46	27.65	43	404	447
11/20/2006	29.76	3.46	33.22	51	183	234
11/21/2006	32.06	3.46	35.52	55	125	180
11/22/2006	2.24	3.46	5.70	9	109	118
11/23/2006	0.00	3.46	3.46	5	111	116
11/24/2006	18.20	3.46	21.66	34	103	137
11/25/2006	0.00	3.46	3.46	5	96	101
11/26/2006	8.22	3.46	11.68	18	92	110
11/27/2006	12.15	3.46	15.61	24	84	108
11/28/2006	11.71	3.46	15.17	23	79	102
11/29/2006	12.04	3.46	15.50	24	75	99
11/30/2006	3.91	3.46	7.37	11	82	93
12/1/2006	1.38	3.40	4.78	7	90	97
12/2/2006	7.92	3.40	11.32	18	116	134
12/3/2006	7.92	3.40	11.32	18	112	130
12/4/2006	10.57	3.40	13.97	22	89	111
12/5/2006	16.02	3.40	19.42	30	76	106
12/6/2006	15.81	3.40	19.21	30	70	100
12/7/2006	16.60	3.40	20.00	31	67	98
12/8/2006	16.40	3.40	19.80	31	64	95
12/9/2006	16.47	3.40	19.87	31	62	93
12/10/2006	16.47	3.40	19.87	31	60	91
12/11/2006	16.47	3.40	19.87	31	60	91
12/12/2006	16.82	3.40	20.22	31	62	93



Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
12/13/2006	16.96	3.40	20.36	32	65	97
12/14/2006	15.70	3.40	19.10	30	66	96
12/15/2006	13.39	3.40	16.79	26	64	90
12/16/2006	13.39	3.40	16.79	26	62	88
12/17/2006	13.39	3.40	16.79	26	65	91
12/18/2006	16.92	3.40	20.32	31	67	98
12/19/2006	18.35	3.40	21.75	34	60	94
12/20/2006	12.39	3.40	15.79	24	60	84
12/21/2006	12.39	3.40	15.79	24	58	82
12/22/2006	12.39	3.40	15.79	24	89	113
12/23/2006	1.47	3.40	4.87	8	135	143
12/24/2006	0.00	3.40	3.40	5	138	143
12/25/2006	0.00	3.40	3.40	5	193	198
12/26/2006	0.00	3.40	3.40	5	364	369
12/27/2006	7.79	3.40	11.19	17	300	317
12/28/2006	18.35	3.40	21.75	34	192	226
12/29/2006	1.71	3.40	5.11	8	138	146
12/30/2006	0.00	3.40	3.40	5	120	125
12/31/2006	0.00	3.40	3.40	5	119	124
1/1/2007	24.23	3.35	27.58	43	165	208
1/2/2007	25.19	3.35	28.54	44	344	388
1/3/2007	36.42	3.35	39.77	62	593	655
1/4/2007	36.04	3.35	39.39	61	358	419
1/5/2007	15.99	3.35	19.34	30	217	247
1/6/2007	34.31	3.35	37.66	58	207	265
1/7/2007	34.31	3.35	37.66	58	223	281
1/8/2007	34.41	3.35	37.76	58	403	461
1/9/2007	33.96	3.35	37.31	58	616	674
1/10/2007	29.71	3.35	33.06	51	650	701
1/11/2007	18.50	3.35	21.85	34	389	423
1/12/2007	2.84	3.35	6.19	10	265	275
1/13/2007	0.00	3.35	3.35	5	219	224
1/14/2007	0.00	3.35	3.35	5	192	197
1/15/2007	0.00	3.35	3.35	5	176	181
1/16/2007	0.00	3.35	3.35	5	167	172
1/17/2007	0.00	3.35	3.35	5	156	161
1/18/2007	0.00	3.35	3.35	5	148	153
1/19/2007	0.00	3.35	3.35	5	147	152
1/20/2007	0.00	3.35	3.35	5	144	149
1/21/2007	0.00	3.35	3.35	5	139	144

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
1/22/2007	0.00	3.35	3.35	5	226	231
1/23/2007	2.48	3.35	5.83	9	335	344
1/24/2007	3.91	3.35	7.26	11	365	376
1/25/2007	17.60	3.35	20.95	32	225	257
1/26/2007	6.58	3.35	9.93	15	175	190
1/27/2007	1.02	3.35	4.37	7	171	178
1/28/2007	0.00	3.35	3.35	5	160	165
1/29/2007	0.00	3.35	3.35	5	151	156
1/30/2007	0.00	3.35	3.35	5	143	148
1/31/2007	0.00	3.35	3.35	5	136	141
2/1/2007	0.00	3.51	3.51	5	161	166
2/2/2007	0.00	3.51	3.51	5	256	261
2/3/2007	0.00	3.51	3.51	5	369	374
2/4/2007	0.00	3.51	3.51	5	287	292
2/5/2007	2.28	3.51	5.79	9	206	215
2/6/2007	3.91	3.51	7.42	11	173	184
2/7/2007	16.75	3.51	20.26	31	149	180
2/8/2007	16.83	3.51	20.34	31	132	163
2/9/2007	18.04	3.51	21.55	33	125	158
2/10/2007	18.04	3.51	21.55	33	119	152
2/11/2007	18.04	3.51	21.55	33	116	149
2/12/2007	14.93	3.51	18.44	29	109	138
2/13/2007	3.91	3.51	7.42	11	121	132
2/14/2007	3.91	3.51	7.42	11	153	164
2/15/2007	2.36	3.51	5.87	9	157	166
2/16/2007	2.32	3.51	5.83	9	143	152
2/17/2007	0.00	3.51	3.51	5	132	137
2/18/2007	0.00	3.51	3.51	5	126	131
2/19/2007	2.28	3.51	5.79	9	119	128
2/20/2007	3.91	3.51	7.42	11	112	123
2/21/2007	3.91	3.51	7.42	11	131	142
2/22/2007	3.91	3.51	7.42	11	186	197
2/23/2007	1.47	3.51	4.98	8	224	232
2/24/2007	0.00	3.51	3.51	5	173	178
2/25/2007	0.00	3.51	3.51	5	158	163
2/26/2007	2.28	3.51	5.79	9	172	181
2/27/2007	3.91	3.51	7.42	11	192	203
2/28/2007	3.91	3.51	7.42	11	162	173
3/1/2007	0.00	3.59	3.59	6	204	210
3/2/2007	0.00	3.59	3.59	6	1230	1236

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
3/3/2007	0.00	3.59	3.59	6	1100	1106
3/4/2007	0.00	3.59	3.59	6	885	891
3/5/2007	0.00	3.59	3.59	6	491	497
3/6/2007	0.00	3.59	3.59	6	308	314
3/7/2007	0.00	3.59	3.59	6	239	245
3/8/2007	1.06	3.59	4.65	7	198	205
3/9/2007	0.60	3.59	4.19	6	187	193
3/10/2007	0.00	3.59	3.59	6	176	182
3/11/2007	0.00	3.59	3.59	6	170	176
3/12/2007	0.00	3.59	3.59	6	164	170
3/13/2007	0.98	3.59	4.57	7	154	161
3/14/2007	1.81	3.59	5.40	8	146	154
3/15/2007	1.81	3.59	5.40	8	144	152
3/16/2007	1.81	3.59	5.40	8	154	162
3/17/2007	1.81	3.59	5.40	8	165	173
3/18/2007	1.81	3.59	5.40	8	166	174
3/19/2007	20.84	3.59	24.43	38	130	168
3/20/2007	16.62	3.59	20.21	31	114	145
3/21/2007	32.80	3.59	36.39	56	96	152
3/22/2007	25.56	3.59	29.15	45	83	128
3/23/2007	29.19	3.59	32.78	51	81	132
3/24/2007	29.19	3.59	32.78	51	82	133
3/25/2007	29.19	3.59	32.78	51	82	133
3/26/2007	28.45	3.59	32.04	50	76	126
3/27/2007	30.38	3.59	33.97	53	72	125
3/28/2007	27.71	3.59	31.30	48	70	118
3/29/2007	2.86	3.59	6.45	10	85	95
3/30/2007	1.81	3.59	5.40	8	102	110
3/31/2007	1.81	3.59	5.40	8	100	108
4/1/2007	1.71	4.22	5.93	9	101	110
4/2/2007	1.44	4.22	5.66	9	109	118
4/3/2007	1.53	4.22	5.75	9	109	118
4/4/2007	1.83	4.22	6.05	9	108	117
4/5/2007	1.63	4.22	5.85	9	108	117
4/6/2007	1.60	4.22	5.82	9	101	110
4/7/2007	1.40	4.22	5.62	9	93	102
4/8/2007	1.34	4.22	5.56	9	88	97
4/9/2007	1.75	4.22	5.97	9	86	95
4/10/2007	1.97	4.22	6.19	10	87	97
4/11/2007	1.62	4.22	5.84	9	86	95

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
4/12/2007	2.33	4.22	6.55	10	93	103
4/13/2007	2.24	4.22	6.46	10	95	105
4/14/2007	1.61	4.22	5.83	9	93	102
4/15/2007	1.70	4.22	5.92	9	147	156
4/16/2007	2.23	4.22	6.45	10	165	175
4/17/2007	2.23	4.22	6.45	10	187	197
4/18/2007	2.05	4.22	6.27	10	130	140
4/19/2007	1.97	4.22	6.19	10	108	118
4/20/2007	1.85	4.22	6.07	9	97	106
4/21/2007	2.68	4.22	6.90	11	90	101
4/22/2007	2.87	4.22	7.09	11	86	97
4/23/2007	2.99	4.22	7.21	11	83	94
4/24/2007	2.94	4.22	7.16	11	78	89
4/25/2007	2.71	4.22	6.93	11	73	84
4/26/2007	2.27	4.22	6.49	10	71	81
4/27/2007	2.60	4.22	6.82	11	72	83
4/28/2007	2.83	4.22	7.05	11	74	85
4/29/2007	3.28	4.22	7.50	12	71	83
4/30/2007	3.28	4.22	7.50	12	64	76
5/1/2007	4.15	4.80	8.95	14	60	74
5/2/2007	4.15	4.80	8.95	14	57	71
5/3/2007	4.15	4.80	8.95	14	54	68
5/4/2007	4.15	4.80	8.95	14	52	66
5/5/2007	4.15	4.80	8.95	14	85	99
5/6/2007	4.15	4.80	8.95	14	135	149
5/7/2007	23.83	4.80	28.63	44	92	136
5/8/2007	2.61	4.80	7.41	11	62	73
5/9/2007	14.50	4.80	19.30	30	51	81
5/10/2007	14.02	4.80	18.82	29	45	74
5/11/2007	14.73	4.80	19.53	30	44	74
5/12/2007	13.47	4.80	18.27	28	54	82
5/13/2007	0.00	4.80	4.80	7	95	102
5/14/2007	0.93	4.80	5.73	9	82	91
5/15/2007	17.29	4.80	22.09	34	50	84
5/16/2007	15.66	4.80	20.46	32	50	82
5/17/2007	7.99	4.80	12.79	20	48	68
5/18/2007	8.30	4.80	13.10	20	48	68
5/19/2007	4.15	4.80	8.95	14	50	64
5/20/2007	4.15	4.80	8.95	14	47	61
5/21/2007	4.15	4.80	8.95	14	47	61

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
5/22/2007	4.15	4.80	8.95	14	47	61
5/23/2007	4.15	4.80	8.95	14	46	60
5/24/2007	4.15	4.80	8.95	14	46	60
5/25/2007	2.85	4.80	7.65	12	44	56
5/26/2007	0.00	4.80	4.80	7	41	48
5/27/2007	1.56	4.80	6.36	10	39	49
5/28/2007	0.00	4.80	4.80	7	38	45
5/29/2007	0.87	4.80	5.67	9	35	44
5/30/2007	1.60	4.80	6.40	10	33	43
5/31/2007	1.60	4.80	6.40	10	32	42
6/1/2007	1.60	4.52	6.12	9	31	40
6/2/2007	1.60	4.52	6.12	9	30	39
6/3/2007	1.60	4.52	6.12	9	34	43
6/4/2007	1.60	4.52	6.12	9	35	44
6/5/2007	1.60	4.52	6.12	9	32	41
6/6/2007	1.60	4.52	6.12	9	30	39
6/7/2007	1.60	4.52	6.12	9	28	37
6/8/2007	1.60	4.52	6.12	9	25	34
6/9/2007	1.60	4.52	6.12	9	23	32
6/10/2007	1.60	4.52	6.12	9	30	39
6/11/2007	1.60	4.52	6.12	9	29	38
6/12/2007	2.40	4.52	6.92	11	25	36
6/13/2007	2.77	4.52	7.29	11	33	44
6/14/2007	4.15	4.52	8.67	13	33	46
6/15/2007	4.15	4.52	8.67	13	30	43
6/16/2007	4.15	4.52	8.67	13	43	56
6/17/2007	15.26	4.52	19.78	31	59	90
6/18/2007	7.57	4.52	12.09	19	40	59
6/19/2007	2.68	4.52	7.20	11	41	52
6/20/2007	2.77	4.52	7.29	11	34	45
6/21/2007	4.15	4.52	8.67	13	30	43
6/22/2007	4.15	4.52	8.67	13	26	39
6/23/2007	4.15	4.52	8.67	13	22	35
6/24/2007	4.15	4.52	8.67	13	19	32
6/25/2007	4.15	4.52	8.67	13	23	36
6/26/2007	4.15	4.52	8.67	13	28	41
6/27/2007	4.15	4.52	8.67	13	22	35
6/28/2007	4.15	4.52	8.67	13	26	39
6/29/2007	4.15	4.52	8.67	13	21	34
6/30/2007	4.15	4.52	8.67	13	15	28

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
7/1/2007	4.15	4.02	8.17	13	20	33
7/2/2007	17.56	4.02	21.58	33	49	82
7/3/2007	8.49	4.02	12.51	19	67	86
7/4/2007	16.41	4.02	20.43	32	76	108
7/5/2007	8.91	4.02	12.93	20	44	64
7/6/2007	4.15	4.02	8.17	13	42	55
7/7/2007	4.15	4.02	8.17	13	36	49
7/8/2007	4.15	4.02	8.17	13	41	54
7/9/2007	4.15	4.02	8.17	13	33	46
7/10/2007	4.15	4.02	8.17	13	34	47
7/11/2007	4.15	4.02	8.17	13	32	45
7/12/2007	14.55	4.02	18.57	29	41	70
7/13/2007	4.15	4.02	8.17	13	56	69
7/14/2007	4.15	4.02	8.17	13	41	54
7/15/2007	17.35	4.02	21.37	33	38	71
7/16/2007	4.15	4.02	8.17	13	36	49
7/17/2007	4.15	4.02	8.17	13	33	46
7/18/2007	4.15	4.02	8.17	13	30	43
7/19/2007	4.15	4.02	8.17	13	33	46
7/20/2007	2.85	4.02	6.87	11	38	49
7/21/2007	1.60	4.02	5.62	9	36	45
7/22/2007	1.60	4.02	5.62	9	30	39
7/23/2007	2.90	4.02	6.92	11	48	59
7/24/2007	17.93	4.02	21.95	34	55	89
7/25/2007	4.15	4.02	8.17	13	43	56
7/26/2007	4.15	4.02	8.17	13	38	51
7/27/2007	14.17	4.02	18.19	28	52	80
7/28/2007	16.76	4.02	20.78	32	73	105
7/29/2007	16.76	4.02	20.78	32	54	86
7/30/2007	8.93	4.02	12.95	20	52	72
7/31/2007	5.94	4.02	9.96	15	52	67
8/1/2007	3.91	5.00	8.91	14	45	59
8/2/2007	3.91	5.00	8.91	14	40	54
8/3/2007	3.91	5.00	8.91	14	33	47
8/4/2007	3.91	5.00	8.91	14	37	51
8/5/2007	3.91	5.00	8.91	14	38	52
8/6/2007	3.91	5.00	8.91	14	25	39
8/7/2007	3.91	5.00	8.91	14	19	33
8/8/2007	1.29	5.00	6.29	10	17	27
8/9/2007	0.00	5.00	5.00	8	16	24

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
8/10/2007	1.35	5.00	6.35	10	15	25
8/11/2007	2.02	5.00	7.02	11	14	25
8/12/2007	2.02	5.00	7.02	11	14	25
8/13/2007	0.60	5.00	5.60	9	13	22
8/14/2007	0.00	5.00	5.00	8	11	19
8/15/2007	0.00	5.00	5.00	8	7.6	15
8/16/2007	0.00	5.00	5.00	8	6.4	14
8/17/2007	0.73	5.00	5.73	9	5.4	14
8/18/2007	3.91	5.00	8.91	14	18	32
8/19/2007	3.91	5.00	8.91	14	30	44
8/20/2007	3.91	5.00	8.91	14	14	28
8/21/2007	3.91	5.00	8.91	14	5.7	19
8/22/2007	2.77	5.00	7.77	12	4	16
8/23/2007	2.02	5.00	7.02	11	4	15
8/24/2007	2.02	5.00	7.02	11	3.4	14
8/25/2007	2.02	5.00	7.02	11	3.1	14
8/26/2007	2.81	5.00	7.81	12	28	40
8/27/2007	6.40	5.00	11.40	18	49	67
8/28/2007	25.16	5.00	30.16	47	57	104
8/29/2007	37.23	5.00	42.23	65	68	133
8/30/2007	37.42	5.00	42.42	66	131	197
8/31/2007	31.01	5.00	36.01	56	183	239
9/1/2007	31.01	4.61	35.62	55	144	199
9/2/2007	31.01	4.61	35.62	55	52	107
9/3/2007	31.01	4.61	35.62	55	40	95
9/4/2007	7.99	4.61	12.60	19	37	56
9/5/2007	3.91	4.61	8.52	13	37	50
9/6/2007	3.91	4.61	8.52	13	30	43
9/7/2007	3.91	4.61	8.52	13	28	41
9/8/2007	3.91	4.61	8.52	13	23	36
9/9/2007	3.91	4.61	8.52	13	20	33
9/10/2007	3.91	4.61	8.52	13	17	30
9/11/2007	3.58	4.61	8.19	13	15	28
9/12/2007	3.91	4.61	8.52	13	13	26
9/13/2007	3.91	4.61	8.52	13	18	31
9/14/2007	3.91	4.61	8.52	13	37	50
9/15/2007	16.01	4.61	20.62	32	27	59
9/16/2007	3.91	4.61	8.52	13	47	60
9/17/2007	6.08	4.61	10.69	17	40	57
9/18/2007	3.91	4.61	8.52	13	29	42

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
9/19/2007	3.91	4.61	8.52	13	20	33
9/20/2007	3.91	4.61	8.52	13	18	31
9/21/2007	3.91	4.61	8.52	13	14	27
9/22/2007	3.91	4.61	8.52	13	14	27
9/23/2007	3.91	4.61	8.52	13	16	29
9/24/2007	3.91	4.61	8.52	13	15	28
9/25/2007	3.91	4.61	8.52	13	13	26
9/26/2007	3.91	4.61	8.52	13	14	27
9/27/2007	3.58	4.61	8.19	13	13	26
9/28/2007	3.91	4.61	8.52	13	15	28
9/29/2007	3.91	4.61	8.52	13	17	30
9/30/2007	3.91	4.61	8.52	13	9.8	23
10/1/2007	3.91	3.53	7.44	12	8.1	20
10/2/2007	3.91	3.53	7.44	12	7.2	19
10/3/2007	3.91	3.53	7.44	12	4.8	16
10/4/2007	3.91	3.53	7.44	12	3.9	15
10/5/2007	3.91	3.53	7.44	12	5.3	17
10/6/2007	3.97	3.53	7.50	12	9.1	21
10/7/2007	3.91	3.53	7.44	12	12	24
10/8/2007	3.91	3.53	7.44	12	13	25
10/9/2007	3.58	3.53	7.11	11	11	22
10/10/2007	3.91	3.53	7.44	12	19	31
10/11/2007	3.91	3.53	7.44	12	19	31
10/12/2007	3.91	3.53	7.44	12	24	36
10/13/2007	3.91	3.53	7.44	12	15	27
10/14/2007	3.91	3.53	7.44	12	9.9	21
10/15/2007	3.91	3.53	7.44	12	9.4	21
10/16/2007	3.91	3.53	7.44	12	6.2	18
10/17/2007	3.91	3.53	7.44	12	5.9	17
10/18/2007	3.91	3.53	7.44	12	6.2	18
10/19/2007	3.46	3.53	6.99	11	17	28
10/20/2007	3.91	3.53	7.44	12	16	28
10/21/2007	3.91	3.53	7.44	12	15	27
10/22/2007	3.91	3.53	7.44	12	20	32
10/23/2007	3.91	3.53	7.44	12	28	40
10/24/2007	3.91	3.53	7.44	12	28	40
10/25/2007	3.91	3.53	7.44	12	41	53
10/26/2007	3.91	3.53	7.44	12	42	54
10/27/2007	3.91	3.53	7.44	12	37	49
10/28/2007	3.91	3.53	7.44	12	28	40



Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
10/29/2007	3.91	3.53	7.44	12	24	36
10/30/2007	3.91	3.53	7.44	12	20	32
10/31/2007	3.91	3.53	7.44	12	16	28
11/1/2007	3.91	3.74	7.65	12	17	29
11/2/2007	3.91	3.74	7.65	12	25	37
11/3/2007	3.91	3.74	7.65	12	24	36
11/4/2007	3.91	3.74	7.65	12	24	36
11/5/2007	3.91	3.74	7.65	12	23	35
11/6/2007	3.91	3.74	7.65	12	22	34
11/7/2007	3.91	3.74	7.65	12	19	31
11/8/2007	3.91	3.74	7.65	12	15	27
11/9/2007	3.91	3.74	7.65	12	15	27
11/10/2007	3.91	3.74	7.65	12	16	28
11/11/2007	3.91	3.74	7.65	12	17	29
11/12/2007	3.91	3.74	7.65	12	17	29
11/13/2007	2.40	3.74	6.14	9	19	28
11/14/2007	2.02	3.74	5.76	9	20	29
11/15/2007	2.02	3.74	5.76	9	21	30
11/16/2007	2.02	3.74	5.76	9	28	37
11/17/2007	2.02	3.74	5.76	9	31	40
11/18/2007	2.02	3.74	5.76	9	34	43
11/19/2007	2.02	3.74	5.76	9	26	35
11/20/2007	2.02	3.74	5.76	9	21	30
11/21/2007	2.02	3.74	5.76	9	25	34
11/22/2007	2.02	3.74	5.76	9	34	43
11/23/2007	2.02	3.74	5.76	9	35	44
11/24/2007	21.09	3.74	24.83	38	54	92
11/25/2007	21.09	3.74	24.83	38	40	78
11/26/2007	21.09	3.74	24.83	38	33	71
11/27/2007	19.05	3.74	22.79	35	40	75
11/28/2007	25.18	3.74	28.92	45	55	100
11/29/2007	7.13	3.74	10.87	17	49	66
11/30/2007	27.20	3.74	30.94	48	34	82
12/1/2007	2.02	3.70	5.72	9	27	36
12/2/2007	2.02	3.70	5.72	9	22	31
12/3/2007	2.02	3.70	5.72	9	34	43
12/4/2007	2.02	3.70	5.72	9	44	53
12/5/2007	12.48	3.70	16.18	25	38	63
12/6/2007	12.55	3.70	16.25	25	25	50
12/7/2007	5.61	3.70	9.31	14	27	41

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
12/8/2007	3.91	3.70	7.61	12	35	47
12/9/2007	3.91	3.70	7.61	12	34	46
12/10/2007	3.91	3.70	7.61	12	33	45
12/11/2007	2.85	3.70	6.55	10	36	46
12/12/2007	2.02	3.70	5.72	9	37	46
12/13/2007	2.02	3.70	5.72	9	36	45
12/14/2007	2.02	3.70	5.72	9	36	45
12/15/2007	2.02	3.70	5.72	9	39	48
12/16/2007	21.18	3.70	24.88	38	57	95
12/17/2007	22.80	3.70	26.50	41	57	98
12/18/2007	31.73	3.70	35.43	55	52	107
12/19/2007	25.82	3.70	29.52	46	24	70
12/20/2007	14.98	3.70	18.68	29	28	57
12/21/2007	14.35	3.70	18.05	28	31	59
12/22/2007	14.28	3.70	17.98	28	28	56
12/23/2007	25.94	3.70	29.64	46	18	64
12/24/2007	26.41	3.70	30.11	47	21	68
12/25/2007	25.92	3.70	29.62	46	33	79
12/26/2007	26.23	3.70	29.93	46	30	76
12/27/2007	18.74	3.70	22.44	35	27	62
12/28/2007	29.76	3.70	33.46	52	36	88
12/29/2007	36.52	3.70	40.22	62	50	112
12/30/2007	28.63	3.70	32.33	50	151	201
12/31/2007	26.14	3.70	29.84	46	276	322
1/1/2008	11.51	3.64	15.15	23	320	343
1/2/2008	18.81	3.64	22.45	35	300	335
1/3/2008	34.42	3.64	38.06	59	142	201
1/4/2008	34.90	3.64	38.54	60	76	136
1/5/2008	35.89	3.64	39.53	61	55	116
1/6/2008	34.16	3.64	37.80	58	43	101
1/7/2008	36.65	3.64	40.29	62	34	96
1/8/2008	25.49	3.64	29.13	45	32	77
1/9/2008	26.41	3.64	30.05	46	39	85
1/10/2008	34.07	3.64	37.71	58	39	97
1/11/2008	34.07	3.64	37.71	58	60	118
1/12/2008	31.43	3.64	35.07	54	86	140
1/13/2008	32.38	3.64	36.02	56	115	171
1/14/2008	31.30	3.64	34.94	54	74	128
1/15/2008	34.24	3.64	37.88	59	53	112
1/16/2008	34.15	3.64	37.79	58	40	98

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
1/17/2008	36.43	3.64	40.07	62	62	124
1/18/2008	36.43	3.64	40.07	62	85	147
1/19/2008	35.37	3.64	39.01	60	107	167
1/20/2008	36.80	3.64	40.44	63	93	156
1/21/2008	26.10	3.64	29.74	46	78	124
1/22/2008	35.22	3.64	38.86	60	61	121
1/23/2008	36.26	3.64	39.90	62	51	113
1/24/2008	36.34	3.64	39.98	62	48	110
1/25/2008	36.04	3.64	39.68	61	42	103
1/26/2008	34.78	3.64	38.42	59	35	94
1/27/2008	34.78	3.64	38.42	59	30	89
1/28/2008	34.03	3.64	37.67	58	25	83
1/29/2008	26.36	3.64	30.00	46	31	77
1/30/2008	35.14	3.64	38.78	60	33	93
1/31/2008	33.87	3.64	37.51	58	31	89
2/1/2008	28.80	3.28	32.08	50	121	171
2/2/2008	36.47	3.28	39.75	62	196	258
2/3/2008	32.68	3.28	35.96	56	297	353
2/4/2008	33.76	3.28	37.04	57	199	256
2/5/2008	34.27	3.28	37.55	58	122	180
2/6/2008	30.84	3.28	34.12	53	108	161
2/7/2008	34.28	3.28	37.56	58	95	153
2/8/2008	36.42	3.28	39.70	61	92	153
2/9/2008	35.00	3.28	38.28	59	76	135
2/10/2008	25.54	3.28	28.82	45	60	105
2/11/2008	34.64	3.28	37.92	59	49	108
2/12/2008	35.38	3.28	38.66	60	43	103
2/13/2008	25.43	3.28	28.71	44	52	96
2/14/2008	34.27	3.28	37.55	58	45	103
2/15/2008	34.69	3.28	37.97	59	42	101
2/16/2008	31.25	3.28	34.53	53	35	88
2/17/2008	11.18	3.28	14.46	22	50	72
2/18/2008	36.11	3.28	39.39	61	52	113
2/19/2008	34.42	3.28	37.70	58	68	126
2/20/2008	34.69	3.28	37.97	59	74	133
2/21/2008	34.42	3.28	37.70	58	55	113
2/22/2008	22.68	3.28	25.96	40	143	183
2/23/2008	22.45	3.28	25.73	40	305	345
2/24/2008	6.95	3.28	10.23	16	456	472
2/25/2008	8.12	3.28	11.40	18	356	374

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
2/26/2008	2.02	3.28	5.30	8	245	253
2/27/2008	2.02	3.28	5.30	8	262	270
2/28/2008	2.02	3.28	5.30	8	324	332
2/29/2008	2.02	3.28	5.30	8	242	250
3/1/2008	2.02	3.26	5.28	8	182	190
3/2/2008	2.02	3.26	5.28	8	161	169
3/3/2008	1.01	3.26	4.27	7	147	154
3/4/2008	0.00	3.26	3.26	5	161	166
3/5/2008	1.01	3.26	4.27	7	277	284
3/6/2008	1.01	3.26	4.27	7	392	399
3/7/2008	1.01	3.26	4.27	7	382	389
3/8/2008	1.01	3.26	4.27	7	295	302
3/9/2008	1.01	3.26	4.27	7	271	278
3/10/2008	1.01	3.26	4.27	7	211	218
3/11/2008	1.01	3.26	4.27	7	173	180
3/12/2008	2.02	3.26	5.28	8	156	164
3/13/2008	3.87	3.26	7.13	11	142	153
3/14/2008	2.90	3.26	6.16	10	137	147
3/15/2008	0.00	3.26	3.26	5	179	184
3/16/2008	0.00	3.26	3.26	5	218	223
3/17/2008	0.00	3.26	3.26	5	191	196
3/18/2008	0.00	3.26	3.26	5	157	162
3/19/2008	0.00	3.26	3.26	5	150	155
3/20/2008	0.00	3.26	3.26	5	209	214
3/21/2008	0.00	3.26	3.26	5	287	292
3/22/2008	0.00	3.26	3.26	5	291	296
3/23/2008	0.00	3.26	3.26	5	192	197
3/24/2008	0.00	3.26	3.26	5	158	163
3/25/2008	0.00	3.26	3.26	5	140	145
3/26/2008	0.00	3.26	3.26	5	127	132
3/27/2008	0.00	3.26	3.26	5	117	122
3/28/2008	3.17	3.26	6.43	10	111	121
3/29/2008	3.91	3.26	7.17	11	111	122
3/30/2008	3.91	3.26	7.17	11	167	178
3/31/2008	3.91	3.26	7.17	11	194	205
4/1/2008	0.00	3.79	3.79	6	185	191
4/2/2008	0.00	3.79	3.79	6	157	163
4/3/2008	0.00	3.79	3.79	6	140	146
4/4/2008	0.00	3.79	3.79	6	132	138
4/5/2008	0.00	3.79	3.79	6	209	215

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
4/6/2008	0.00	3.79	3.79	6	366	372
4/7/2008	0.00	3.79	3.79	6	491	497
4/8/2008	0.00	3.79	3.79	6	420	426
4/9/2008	0.00	3.79	3.79	6	256	262
4/10/2008	0.00	3.79	3.79	6	197	203
4/11/2008	0.00	3.79	3.79	6	171	177
4/12/2008	0.00	3.79	3.79	6	236	242
4/13/2008	0.00	3.79	3.79	6	277	283
4/14/2008	2.62	3.79	6.41	10	235	245
4/15/2008	3.91	3.79	7.70	12	172	184
4/16/2008	2.44	3.79	6.23	10	150	160
4/17/2008	0.00	3.79	3.79	6	138	144
4/18/2008	0.00	3.79	3.79	6	125	131
4/19/2008	0.00	3.79	3.79	6	118	124
4/20/2008	2.62	3.79	6.41	10	114	124
4/21/2008	3.91	3.79	7.70	12	107	119
4/22/2008	3.91	3.79	7.70	12	96	108
4/23/2008	3.91	3.79	7.70	12	91	103
4/24/2008	3.91	3.79	7.70	12	87	99
4/25/2008	2.44	3.79	6.23	10	89	99
4/26/2008	0.00	3.79	3.79	6	89	95
4/27/2008	0.00	3.79	3.79	6	91	97
4/28/2008	0.00	3.79	3.79	6	101	107
4/29/2008	0.00	3.79	3.79	6	108	114
4/30/2008	0.00	3.79	3.79	6	114	120
5/1/2008	0.00	3.75	3.75	6	91	97
5/2/2008	1.22	3.75	4.97	8	82	90
5/3/2008	0.00	3.75	3.75	6	78	84
5/4/2008	0.00	3.75	3.75	6	75	81
5/5/2008	0.00	3.75	3.75	6	72	78
5/6/2008	0.00	3.75	3.75	6	67	73
5/7/2008	16.43	3.75	20.18	31	51	82
5/8/2008	2.61	3.75	6.36	10	41	51
5/9/2008	0.00	3.75	3.75	6	60	66
5/10/2008	0.00	3.75	3.75	6	59	65
5/11/2008	0.00	3.75	3.75	6	96	102
5/12/2008	0.00	3.75	3.75	6	120	126
5/13/2008	11.69	3.75	15.44	24	120	144
5/14/2008	7.90	3.75	11.65	18	71	89
5/15/2008	0.00	3.75	3.75	6	76	82

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
5/16/2008	0.00	3.75	3.75	6	97	103
5/17/2008	0.00	3.75	3.75	6	125	131
5/18/2008	0.00	3.75	3.75	6	122	128
5/19/2008	0.00	3.75	3.75	6	91	97
5/20/2008	0.81	3.75	4.56	7	75	82
5/21/2008	13.78	3.75	17.53	27	70	97
5/22/2008	15.11	3.75	18.86	29	70	99
5/23/2008	5.68	3.75	9.43	15	80	95
5/24/2008	21.89	3.75	25.64	40	84	124
5/25/2008	22.42	3.75	26.17	40	43	83
5/26/2008	27.50	3.75	31.25	48	43	91
5/27/2008	20.62	3.75	24.37	38	41	79
5/28/2008	2.61	3.75	6.36	10	43	53
5/29/2008	1.47	3.75	5.22	8	49	57
5/30/2008	2.28	3.75	6.03	9	44	53
5/31/2008	3.91	3.75	7.66	12	44	56
6/1/2008	3.91	4.61	8.52	13	43	56
6/2/2008	1.47	4.61	6.08	9	43	52
6/3/2008	0.00	4.61	4.61	7	39	46
6/4/2008	1.28	4.61	5.89	9	34	43
6/5/2008	2.61	4.61	7.22	11	29	40
6/6/2008	1.71	4.61	6.32	10	27	37
6/7/2008	0.00	4.61	4.61	7	28	35
6/8/2008	0.00	4.61	4.61	7	29	36
6/9/2008	2.28	4.61	6.89	11	21	32
6/10/2008	3.50	4.61	8.11	13	17	30
6/11/2008	2.48	4.61	7.09	11	15	26
6/12/2008	1.87	4.61	6.48	10	24	34
6/13/2008	2.73	4.61	7.34	11	29	40
6/14/2008	2.36	4.61	6.97	11	30	41
6/15/2008	0.81	4.61	5.42	8	29	37
6/16/2008	0.00	4.61	4.61	7	28	35
6/17/2008	2.69	4.61	7.30	11	32	43
6/18/2008	3.91	4.61	8.52	13	22	35
6/19/2008	3.91	4.61	8.52	13	15	28
6/20/2008	3.91	4.61	8.52	13	13	26
6/21/2008	3.91	4.61	8.52	13	8.9	22
6/22/2008	1.14	4.61	5.75	9	14	23
6/23/2008	2.85	4.61	7.46	12	23	35
6/24/2008	3.91	4.61	8.52	13	24	37

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
6/25/2008	3.91	4.61	8.52	13	17	30
6/26/2008	2.50	4.61	7.11	11	12	23
6/27/2008	1.06	4.61	5.67	9	14	23
6/28/2008	0.00	4.61	4.61	7	15	22
6/29/2008	0.00	4.61	4.61	7	18	25
6/30/2008	2.44	4.61	7.05	11	38	49
7/1/2008	3.91	4.71	8.62	13	31	44
7/2/2008	3.91	4.71	8.62	13	25	38
7/3/2008	3.91	4.71	8.62	13	13	26
7/4/2008	3.91	4.71	8.62	13	7.8	21
7/5/2008	2.20	4.71	6.91	11	11	22
7/6/2008	0.94	4.71	5.65	9	19	28
7/7/2008	2.85	4.71	7.56	12	14	26
7/8/2008	3.91	4.71	8.62	13	11	24
7/9/2008	0.71	4.71	5.42	8	19	27
7/10/2008	0.73	4.71	5.44	8	33	41
7/11/2008	12.92	4.71	17.63	27	40	67
7/12/2008	24.78	4.71	29.49	46	47	93
7/13/2008	26.73	4.71	31.44	49	41	90
7/14/2008	2.77	4.71	7.48	12	43	55
7/15/2008	3.91	4.71	8.62	13	47	60
7/16/2008	3.91	4.71	8.62	13	35	48
7/17/2008	3.91	4.71	8.62	13	22	35
7/18/2008	3.91	4.71	8.62	13	15	28
7/19/2008	3.91	4.71	8.62	13	11	24
7/20/2008	3.92	4.71	8.63	13	7.4	21
7/21/2008	3.93	4.71	8.64	13	8.7	22
7/22/2008	1.71	4.71	6.42	10	11	21
7/23/2008	0.00	4.71	4.71	7	12	19
7/24/2008	15.88	4.71	20.59	32	33	65
7/25/2008	7.26	4.71	11.97	19	36	55
7/26/2008	0.00	4.71	4.71	7	35	42
7/27/2008	2.93	4.71	7.64	12	25	37
7/28/2008	3.91	4.71	8.62	13	15	28
7/29/2008	2.77	4.71	7.48	12	12	24
7/30/2008	1.71	4.71	6.42	10	13	23
7/31/2008	23.08	4.71	27.79	43	38	81
8/1/2008	12.74	4.97	17.71	27	32	59
8/2/2008	3.10	4.97	8.07	12	32	44
8/3/2008	3.10	4.97	8.07	12	26	38

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
8/4/2008	3.91	4.97	8.88	14	13	27
8/5/2008	3.91	4.97	8.88	14	9.8	24
8/6/2008	3.91	4.97	8.88	14	8.9	23
8/7/2008	2.61	4.97	7.58	12	7.5	19
8/8/2008	2.89	4.97	7.86	12	6.1	18
8/9/2008	1.87	4.97	6.84	11	6.1	17
8/10/2008	0.00	4.97	4.97	8	9.4	17
8/11/2008	2.57	4.97	7.54	12	5.9	18
8/12/2008	1.99	4.97	6.96	11	4.2	15
8/13/2008	0.00	4.97	4.97	8	5.7	13
8/14/2008	1.09	4.97	6.06	9	5.8	15
8/15/2008	2.02	4.97	6.99	11	4.4	15
8/16/2008	2.02	4.97	6.99	11	4.9	16
8/17/2008	2.02	4.97	6.99	11	4.7	16
8/18/2008	2.02	4.97	6.99	11	4.4	15
8/19/2008	2.02	4.97	6.99	11	4.3	15
8/20/2008	2.02	4.97	6.99	11	4.1	15
8/21/2008	2.02	4.97	6.99	11	4.1	15
8/22/2008	0.67	4.97	5.64	9	4.1	13
8/23/2008	0.00	4.97	4.97	8	4.2	12
8/24/2008	0.00	4.97	4.97	8	5.1	13
8/25/2008	1.18	4.97	6.15	10	4.9	14
8/26/2008	2.02	4.97	6.99	11	14	25
8/27/2008	30.37	4.97	35.34	55	44	99
8/28/2008	34.50	4.97	39.47	61	122	183
8/29/2008	34.50	4.97	39.47	61	179	240
8/30/2008	29.68	4.97	34.65	54	52	106
8/31/2008	8.03	4.97	13.00	20	35	55
9/1/2008	2.02	4.54	6.56	10	40	50
9/2/2008	2.02	4.54	6.56	10	34	44
9/3/2008	2.02	4.54	6.56	10	27	37
9/4/2008	2.02	4.54	6.56	10	22	32
9/5/2008	2.02	4.54	6.56	10	16	26
9/6/2008	2.02	4.54	6.56	10	13	23
9/7/2008	2.02	4.54	6.56	10	11	21
9/8/2008	1.40	4.54	5.94	9	9.5	19
9/9/2008	0.00	4.54	4.54	7	12	19
9/10/2008	0.00	4.54	4.54	7	13	20
9/11/2008	2.02	4.54	6.56	10	14	24
9/12/2008	2.02	4.54	6.56	10	15	25



Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
9/13/2008	0.00	4.54	4.54	7	11	18
9/14/2008	2.02	4.54	6.56	10	11	21
9/15/2008	0.00	4.54	4.54	7	7.9	15
9/16/2008	2.02	4.54	6.56	10	8.4	19
9/17/2008	2.02	4.54	6.56	10	7.1	17
9/18/2008	2.02	4.54	6.56	10	6.3	16
9/19/2008	2.02	4.54	6.56	10	5.1	15
9/20/2008	2.02	4.54	6.56	10	5.4	16
9/21/2008	2.02	4.54	6.56	10	3	13
9/22/2008	0.00	4.54	4.54	7	4	11
9/23/2008	2.02	4.54	6.56	10	4.4	15
9/24/2008	2.02	4.54	6.56	10	4.2	14
9/25/2008	2.02	4.54	6.56	10	3.9	14
9/26/2008	2.02	4.54	6.56	10	3.6	14
9/27/2008	2.02	4.54	6.56	10	2.6	13
9/28/2008	0.00	4.54	4.54	7	2.4	9
9/29/2008	0.00	4.54	4.54	7	2.3	9
9/30/2008	2.02	4.54	6.56	10	3	13
10/1/2008	1.45	4.25	5.70	9	3.3	12
10/2/2008	0.00	4.25	4.25	7	3.2	10
10/3/2008	0.00	4.25	4.25	7	1.4	8
10/4/2008	2.02	4.25	6.27	10	1.2	11
10/5/2008	0.72	4.25	4.97	8	2.5	10
10/6/2008	0.00	4.25	4.25	7	3.1	10
10/7/2008	0.00	4.25	4.25	7	2.2	9
10/8/2008	0.00	4.25	4.25	7	10	17
10/9/2008	32.78	4.25	37.03	57	66	123
10/10/2008	34.71	4.25	38.96	60	83	143
10/11/2008	31.52	4.25	35.77	55	153	208
10/12/2008	27.01	4.25	31.26	48	61	109
10/13/2008	33.76	4.25	38.01	59	32	91
10/14/2008	3.91	4.25	8.16	13	33	46
10/15/2008	3.91	4.25	8.16	13	31	44
10/16/2008	3.91	4.25	8.16	13	28	41
10/17/2008	2.98	4.25	7.23	11	29	40
10/18/2008	5.94	4.25	10.19	16	40	56
10/19/2008	10.80	4.25	15.05	23	44	67
10/20/2008	4.67	4.25	8.92	14	33	47
10/21/2008	2.97	4.25	7.22	11	33	44
10/22/2008	2.97	4.25	7.22	11	29	40

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
10/23/2008	2.97	4.25	7.22	11	27	38
10/24/2008	2.97	4.25	7.22	11	27	38
10/25/2008	0.00	4.25	4.25	7	29	36
10/26/2008	0.00	4.25	4.25	7	37	44
10/27/2008	2.97	4.25	7.22	11	43	54
10/28/2008	2.97	4.25	7.22	11	31	42
10/29/2008	2.97	4.25	7.22	11	23	34
10/30/2008	2.97	4.25	7.22	11	22	33
10/31/2008	2.97	4.25	7.22	11	22	33
11/1/2008	0.00	4.14	4.14	6	21	27
11/2/2008	0.00	4.14	4.14	6	20	26
11/3/2008	0.00	4.14	4.14	6	20	26
11/4/2008	0.00	4.14	4.14	6	22	28
11/5/2008	0.00	4.14	4.14	6	24	30
11/6/2008	0.00	4.14	4.14	6	22	28
11/7/2008	0.00	4.14	4.14	6	24	30
11/8/2008	0.00	4.14	4.14	6	25	31
11/9/2008	0.00	4.14	4.14	6	28	34
11/10/2008	0.00	4.14	4.14	6	38	44
11/11/2008	0.00	4.14	4.14	6	35	41
11/12/2008	0.00	4.14	4.14	6	32	38
11/13/2008	0.00	4.14	4.14	6	32	38
11/14/2008	0.00	4.14	4.14	6	37	43
11/15/2008	13.21	4.14	17.35	27	37	64
11/16/2008	10.59	4.14	14.73	23	36	59
11/17/2008	9.49	4.14	13.63	21	39	60
11/18/2008	0.00	4.14	4.14	6	38	44
11/19/2008	0.00	4.14	4.14	6	38	44
11/20/2008	0.00	4.14	4.14	6	35	41
11/21/2008	0.00	4.14	4.14	6	34	40
11/22/2008	0.00	4.14	4.14	6	35	41
11/23/2008	0.00	4.14	4.14	6	36	42
11/24/2008	0.00	4.14	4.14	6	37	43
11/25/2008	0.00	4.14	4.14	6	41	47
11/26/2008	0.00	4.14	4.14	6	40	46
11/27/2008	0.00	4.14	4.14	6	43	49
11/28/2008	0.00	4.14	4.14	6	43	49
11/29/2008	9.50	4.14	13.64	21	48	69
11/30/2008	30.56	4.14	34.70	54	80	134
12/1/2008	31.53	4.00	35.53	55	105	160

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
12/2/2008	31.75	4.00	35.75	55	107	162
12/3/2008	29.25	4.00	33.25	51	64	115
12/4/2008	29.25	4.00	33.25	51	35	86
12/5/2008	18.98	4.00	22.98	36	38	74
12/6/2008	30.64	4.00	34.64	54	37	91
12/7/2008	0.00	4.00	4.00	6	47	53
12/8/2008	14.31	4.00	18.31	28	36	64
12/9/2008	7.56	4.00	11.56	18	34	52
12/10/2008	17.66	4.00	21.66	34	46	80
12/11/2008	33.87	4.00	37.87	59	114	173
12/12/2008	29.51	4.00	33.51	52	301	353
12/13/2008	31.91	4.00	35.91	56	556	612
12/14/2008	33.96	4.00	37.96	59	519	578
12/15/2008	32.88	4.00	36.88	57	221	278
12/16/2008	31.13	4.00	35.13	54	132	186
12/17/2008	26.40	4.00	30.40	47	94	141
12/18/2008	32.56	4.00	36.56	57	74	131
12/19/2008	32.56	4.00	36.56	57	63	120
12/20/2008	27.55	4.00	31.55	49	55	104
12/21/2008	33.64	4.00	37.64	58	55	113
12/22/2008	33.64	4.00	37.64	58	57	115
12/23/2008	29.11	4.00	33.11	51	66	117
12/24/2008	30.36	4.00	34.36	53	43	96
12/25/2008	34.19	4.00	38.19	59	57	116
12/26/2008	31.53	4.00	35.53	55	97	152
12/27/2008	32.77	4.00	36.77	57	123	180
12/28/2008	32.77	4.00	36.77	57	94	151
12/29/2008	32.69	4.00	36.69	57	78	135
12/30/2008	33.30	4.00	37.30	58	64	122
12/31/2008	37.33	4.00	41.33	64	50	114
1/1/2009	38.36	3.72	42.08	65	40	105
1/2/2009	38.36	3.72	42.08	65	34	99
1/3/2009	35.20	3.72	38.92	60	29	89
1/4/2009	25.14	3.72	28.86	45	51	96
1/5/2009	17.34	3.72	21.06	33	64	97
1/6/2009	12.28	3.72	16.00	25	119	144
1/7/2009	33.09	3.72	36.81	57	226	283
1/8/2009	33.09	3.72	36.81	57	459	516
1/9/2009	9.54	3.72	13.26	21	558	579
1/10/2009	0.00	3.72	3.72	6	425	431

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
1/11/2009	0.00	3.72	3.72	6	260	266
1/12/2009	0.00	3.72	3.72	6	221	227
1/13/2009	31.27	3.72	34.99	54	192	246
1/14/2009	31.93	3.72	35.65	55	124	179
1/15/2009	35.52	3.72	39.24	61	96	157
1/16/2009	36.28	3.72	40.00	62	76	138
1/17/2009	35.10	3.72	38.82	60	64	124
1/18/2009	31.12	3.72	34.84	54	61	115
1/19/2009	31.12	3.72	34.84	54	64	118
1/20/2009	1.56	3.72	5.28	8	90	98
1/21/2009	2.02	3.72	5.74	9	104	113
1/22/2009	0.76	3.72	4.48	7	99	106
1/23/2009	0.00	3.72	3.72	6	97	103
1/24/2009	0.00	3.72	3.72	6	99	105
1/25/2009	0.00	3.72	3.72	6	100	106
1/26/2009	0.00	3.72	3.72	6	97	103
1/27/2009	0.00	3.72	3.72	6	94	100
1/28/2009	0.00	3.72	3.72	6	94	100
1/29/2009	0.00	3.72	3.72	6	99	105
1/30/2009	0.00	3.72	3.72	6	99	105
1/31/2009	0.00	3.72	3.72	6	94	100
2/1/2009	0.00	3.84	3.84	6	86	92
2/2/2009	0.00	3.84	3.84	6	84	90
2/3/2009	0.00	3.84	3.84	6	88	94
2/4/2009	0.00	3.84	3.84	6	85	91
2/5/2009	1.89	3.84	5.73	9	79	88
2/6/2009	0.00	3.84	3.84	6	75	81
2/7/2009	0.00	3.84	3.84	6	74	80
2/8/2009	0.00	3.84	3.84	6	75	81
2/9/2009	0.00	3.84	3.84	6	66	72
2/10/2009	13.19	3.84	17.03	26	65	91
2/11/2009	10.52	3.84	14.36	22	66	88
2/12/2009	12.77	3.84	16.61	26	58	84
2/13/2009	12.00	3.84	15.84	25	58	83
2/14/2009	16.28	3.84	20.12	31	55	86
2/15/2009	9.53	3.84	13.37	21	54	75
2/16/2009	12.95	3.84	16.79	26	55	81
2/17/2009	12.62	3.84	16.46	25	54	79
2/18/2009	23.40	3.84	27.24	42	52	94
2/19/2009	33.08	3.84	36.92	57	111	168

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
2/20/2009	33.34	3.84	37.18	58	185	243
2/21/2009	33.34	3.84	37.18	58	145	203
2/22/2009	29.94	3.84	33.78	52	90	142
2/23/2009	29.42	3.84	33.26	51	65	116
2/24/2009	29.42	3.84	33.26	51	55	106
2/25/2009	30.09	3.84	33.93	52	53	105
2/26/2009	17.29	3.84	21.13	33	50	83
2/27/2009	10.06	3.84	13.90	22	69	91
2/28/2009	0.00	3.84	3.84	6	383	389
3/1/2009	0.00	4.22	4.22	7	999	1006
3/2/2009	0.00	4.22	4.22	7	1620	1627
3/3/2009	0.00	4.22	4.22	7	1600	1607
3/4/2009	0.00	4.22	4.22	7	1260	1267
3/5/2009	0.00	4.22	4.22	7	732	739
3/6/2009	0.00	4.22	4.22	7	486	493
3/7/2009	0.00	4.22	4.22	7	353	360
3/8/2009	0.00	4.22	4.22	7	274	281
3/9/2009	0.00	4.22	4.22	7	231	238
3/10/2009	0.00	4.22	4.22	7	205	212
3/11/2009	0.00	4.22	4.22	7	184	191
3/12/2009	0.00	4.22	4.22	7	168	175
3/13/2009	0.00	4.22	4.22	7	153	160
3/14/2009	0.00	4.22	4.22	7	147	154
3/15/2009	0.00	4.22	4.22	7	291	298
3/16/2009	0.00	4.22	4.22	7	579	586
3/17/2009	0.00	4.22	4.22	7	680	687
3/18/2009	0.00	4.22	4.22	7	598	605
3/19/2009	0.00	4.22	4.22	7	455	462
3/20/2009	0.00	4.22	4.22	7	335	342
3/21/2009	0.00	4.22	4.22	7	259	266
3/22/2009	0.00	4.22	4.22	7	220	227
3/23/2009	0.00	4.22	4.22	7	200	207
3/24/2009	0.00	4.22	4.22	7	185	192
3/25/2009	0.00	4.22	4.22	7	175	182
3/26/2009	0.00	4.22	4.22	7	187	194
3/27/2009	0.00	4.22	4.22	7	326	333
3/28/2009	0.00	4.22	4.22	7	1080	1087
3/29/2009	0.00	4.22	4.22	7	2400	2407
3/30/2009	0.00	4.22	4.22	7	1950	1957
3/31/2009	0.00	4.22	4.22	7	1130	1137

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
4/1/2009	0.00	3.98	3.98	6	675	681
4/2/2009	0.00	3.98	3.98	6	792	798
4/3/2009	0.00	3.98	3.98	6	1110	1116
4/4/2009	0.00	3.98	3.98	6	1170	1176
4/5/2009	0.00	3.98	3.98	6	885	891
4/6/2009	0.00	3.98	3.98	6	600	606
4/7/2009	0.00	3.98	3.98	6	452	458
4/8/2009	0.00	3.98	3.98	6	364	370
4/9/2009	0.00	3.98	3.98	6	302	308
4/10/2009	0.00	3.98	3.98	6	274	280
4/11/2009	0.00	3.98	3.98	6	339	345
4/12/2009	0.00	3.98	3.98	6	345	351
4/13/2009	0.00	3.98	3.98	6	420	426
4/14/2009	0.00	3.98	3.98	6	498	504
4/15/2009	0.00	3.98	3.98	6	575	581
4/16/2009	0.00	3.98	3.98	6	555	561
4/17/2009	0.00	3.98	3.98	6	403	409
4/18/2009	0.00	3.98	3.98	6	315	321
4/19/2009	0.00	3.98	3.98	6	269	275
4/20/2009	0.00	3.98	3.98	6	268	274
4/21/2009	0.00	3.98	3.98	6	264	270
4/22/2009	0.00	3.98	3.98	6	243	249
4/23/2009	0.00	3.98	3.98	6	213	219
4/24/2009	0.00	3.98	3.98	6	204	210
4/25/2009	0.00	3.98	3.98	6	211	217
4/26/2009	0.00	3.98	3.98	6	195	201
4/27/2009	0.00	3.98	3.98	6	173	179
4/28/2009	0.00	3.98	3.98	6	161	167
4/29/2009	0.00	3.98	3.98	6	154	160
4/30/2009	0.00	3.98	3.98	6	147	153
5/1/2009	0.00	4.20	4.20	6	140	146
5/2/2009	0.00	4.20	4.20	6	140	146
5/3/2009	0.00	4.20	4.20	6	151	157
5/4/2009	0.00	4.20	4.20	6	184	190
5/5/2009	0.00	4.20	4.20	6	222	228
5/6/2009	0.00	4.20	4.20	6	265	271
5/7/2009	0.00	4.20	4.20	6	276	282
5/8/2009	0.00	4.20	4.20	6	373	379
5/9/2009	0.00	4.20	4.20	6	412	418
5/10/2009	0.00	4.20	4.20	6	281	287

Date	Newton Diversion MGD	Monroe Diversion MGD	Total Diversion MGD	Total Diversion cfs	USGS Gage Data MGD	Unimpaired Flow Data MGD
5/11/2009	0.00	4.20	4.20	6	215	221
5/12/2009	0.00	4.20	4.20	6	187	193
5/13/2009	0.00	4.20	4.20	6	165	171
5/14/2009	0.00	4.20	4.20	6	148	154
5/15/2009	0.00	4.20	4.20	6	136	142
5/16/2009	0.00	4.20	4.20	6	131	137
5/17/2009	0.00	4.20	4.20	6	137	143
5/18/2009	0.00	4.20	4.20	6	149	155
5/19/2009	0.00	4.20	4.20	6	146	152
5/20/2009	0.00	4.20	4.20	6	132	138
5/21/2009	0.00	4.20	4.20	6	116	122
5/22/2009	0.00	4.20	4.20	6	113	119
5/23/2009	0.00	4.20	4.20	6	117	123
5/24/2009	0.00	4.20	4.20	6	178	184
5/25/2009	0.00	4.20	4.20	6	251	257
5/26/2009	0.00	4.20	4.20	6	225	231
5/27/2009	0.00	4.20	4.20	6	200	206
5/28/2009	0.00	4.20	4.20	6	176	182
5/29/2009	0.00	4.20	4.20	6	150	156
5/30/2009	0.00	4.20	4.20	6	130	136
5/31/2009	0.00	4.20	4.20	6	115	121

## APPENDIX - B

### Stream Flow Gauge Data

GAUGE STATION: 02208450

LOCATION: Just northwest of the intersection of Alcovy Trestle Road and Hamby Lane off of Alcovy Trestle Road.

DESCRIPTION Latitude 33°38'24" Longitude 83°46'45" NAD27

Newton County, Georgia, Hydrologic Unit 03070103

Drainage area: 181 square miles

Contributing drainage area: 181 square miles

Datum of gauge: 646 feet above NAV88

A = Approved for publication -- Processing and review completed

P = Provisional data subject to revision.

e = Value has been estimated.

Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
1/1/2006	181 <sup>A</sup>	3.74 <sup>A</sup>	3.65 <sup>A</sup>	3.68 <sup>A</sup>		181	189
1/2/2006	268 <sup>A</sup>	5.55 <sup>A</sup>	3.73 <sup>A</sup>	4.36 <sup>A</sup>		268	276
1/3/2006	526 <sup>A</sup>	6.19 <sup>A</sup>	5.55 <sup>A</sup>	6.01 <sup>A</sup>		526	534
1/4/2006	487 <sup>A</sup>	5.91 <sup>A</sup>	5.71 <sup>A</sup>	5.81 <sup>A</sup>		487	495
1/5/2006	400 <sup>A</sup>	5.71 <sup>A</sup>	4.89 <sup>A</sup>	5.29 <sup>A</sup>		400	408
1/6/2006	301 <sup>A</sup>	4.89 <sup>A</sup>	4.43 <sup>A</sup>	4.64 <sup>A</sup>		301	309
1/7/2006	253 <sup>A</sup>	4.43 <sup>A</sup>	4.15 <sup>A</sup>	4.28 <sup>A</sup>		253	261
1/8/2006	225 <sup>A</sup>	4.15 <sup>A</sup>	3.98 <sup>A</sup>	4.06 <sup>A</sup>		225	233
1/9/2006	209 <sup>A</sup>	3.98 <sup>A</sup>	3.88 <sup>A</sup>	3.93 <sup>A</sup>		209	217
1/10/2006	200 <sup>A</sup>	3.88 <sup>A</sup>	3.80 <sup>A</sup>	3.84 <sup>A</sup>		200	208
1/11/2006	206 <sup>A</sup>	3.98 <sup>A</sup>	3.80 <sup>A</sup>	3.89 <sup>A</sup>		206	214
1/12/2006	208 <sup>A</sup>	3.98 <sup>A</sup>	3.85 <sup>A</sup>	3.91 <sup>A</sup>		208	216
1/13/2006	209 <sup>A</sup>	4.21 <sup>A</sup>	3.84 <sup>A</sup>	3.92 <sup>A</sup>		209	216
1/14/2006	278 <sup>A</sup>	4.55 <sup>A</sup>	4.21 <sup>A</sup>	4.47 <sup>A</sup>		278	284
1/15/2006	317 <sup>A</sup>	4.89 <sup>A</sup>	4.50 <sup>A</sup>	4.73 <sup>A</sup>		317	323
1/16/2006	291 <sup>A</sup>	4.84 <sup>A</sup>	4.27 <sup>A</sup>	4.53 <sup>A</sup>		291	297
1/17/2006	249 <sup>A</sup>	4.37 <sup>A</sup>	4.12 <sup>A</sup>	4.21 <sup>A</sup>		249	255
1/18/2006	344 <sup>A</sup>	5.17 <sup>A</sup>	4.37 <sup>A</sup>	4.88 <sup>A</sup>		344	351
1/19/2006	434 <sup>A</sup>	5.83 <sup>A</sup>	5.17 <sup>A</sup>	5.44 <sup>A</sup>		434	442
1/20/2006	524 <sup>A</sup>	6.09 <sup>A</sup>	5.60 <sup>A</sup>	5.94 <sup>A</sup>		524	532
1/21/2006	392 <sup>A</sup>	5.60 <sup>A</sup>	4.88 <sup>A</sup>	5.16 <sup>A</sup>		392	400
1/22/2006	331 <sup>A</sup>	4.88 <sup>A</sup>	4.69 <sup>A</sup>	4.76 <sup>A</sup>		331	339
1/23/2006	352 <sup>A</sup>	5.05 <sup>A</sup>	4.71 <sup>A</sup>	4.89 <sup>A</sup>		352	360
1/24/2006	457 <sup>A</sup>	6.15 <sup>A</sup>	5.05 <sup>A</sup>	5.52 <sup>A</sup>		457	465
1/25/2006	858 <sup>A</sup>	8.32 <sup>A</sup>	6.15 <sup>A</sup>	7.29 <sup>A</sup>		858	866
1/26/2006	948 <sup>A</sup>	8.32 <sup>A</sup>	6.77 <sup>A</sup>	7.65 <sup>A</sup>		948	956
1/27/2006	557 <sup>A</sup>	6.77 <sup>A</sup>	5.48 <sup>A</sup>	6.04 <sup>A</sup>		557	565
1/28/2006	399 <sup>A</sup>	5.48 <sup>A</sup>	4.92 <sup>A</sup>	5.16 <sup>A</sup>		399	407
1/29/2006	345 <sup>A</sup>	4.92 <sup>A</sup>	4.76 <sup>A</sup>	4.82 <sup>A</sup>		345	353
1/30/2006	347 <sup>A</sup>	4.87 <sup>A</sup>	4.76 <sup>A</sup>	4.83 <sup>A</sup>		347	355
1/31/2006	341 <sup>A</sup>	4.87 <sup>A</sup>	4.62 <sup>A</sup>	4.79 <sup>A</sup>		341	349
2/1/2006	297 <sup>A</sup>	4.62 <sup>A</sup>	4.37 <sup>A</sup>	4.48 <sup>A</sup>		297	307
2/2/2006	274 <sup>A</sup>	4.37 <sup>A</sup>	4.29 <sup>A</sup>	4.32 <sup>A</sup>		274	281
2/3/2006	274 <sup>A</sup>	4.33 <sup>A</sup>	4.31 <sup>A</sup>	4.32 <sup>A</sup>		274	280



Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
2/4/2006	276 <sup>A</sup>	4.35 <sup>A</sup>	4.30 <sup>A</sup>	4.33 <sup>A</sup>		276	282
2/5/2006	265 <sup>A</sup>	4.30 <sup>A</sup>	4.21 <sup>A</sup>	4.25 <sup>A</sup>		265	271
2/6/2006	290 <sup>A</sup>	4.96 <sup>A</sup>	4.24 <sup>A</sup>	4.43 <sup>A</sup>		290	296
2/7/2006	617 <sup>A</sup>	7.73 <sup>A</sup>	4.96 <sup>A</sup>	6.29 <sup>A</sup>		617	623
2/8/2006	947 <sup>A</sup>	7.83 <sup>A</sup>	7.60 <sup>A</sup>	7.70 <sup>A</sup>		947	956
2/9/2006	792 <sup>A</sup>	7.63 <sup>A</sup>	6.45 <sup>A</sup>	7.13 <sup>A</sup>		792	804
2/10/2006	512 <sup>A</sup>	6.45 <sup>A</sup>	5.39 <sup>A</sup>	5.81 <sup>A</sup>		512	527
2/11/2006	425 <sup>A</sup>	5.39 <sup>A</sup>	5.27 <sup>A</sup>	5.32 <sup>A</sup>		425	436
2/12/2006	411 <sup>A</sup>	5.27 <sup>A</sup>	5.22 <sup>A</sup>	5.24 <sup>A</sup>		411	421
2/13/2006	397 <sup>A</sup>	5.24 <sup>A</sup>	4.96 <sup>A</sup>	5.15 <sup>A</sup>		397	408
2/14/2006	344 <sup>A</sup>	4.96 <sup>A</sup>	4.67 <sup>A</sup>	4.81 <sup>A</sup>		344	354
2/15/2006	311 <sup>A</sup>	4.67 <sup>A</sup>	4.49 <sup>A</sup>	4.58 <sup>A</sup>		311	319
2/16/2006	284 <sup>A</sup>	4.49 <sup>A</sup>	3.99 <sup>A</sup>	4.39 <sup>A</sup>		284	290
2/17/2006	273 <sup>A</sup>	4.35 <sup>A</sup>	4.27 <sup>A</sup>	4.31 <sup>A</sup>		273	279
2/18/2006	265 <sup>A</sup>	4.27 <sup>A</sup>	4.23 <sup>A</sup>	4.24 <sup>A</sup>		265	271
2/19/2006	263 <sup>A</sup>	4.24 <sup>A</sup>	4.21 <sup>A</sup>	4.23 <sup>A</sup>		263	269
2/20/2006	260 <sup>A</sup>	4.22 <sup>A</sup>	4.21 <sup>A</sup>	4.21 <sup>A</sup>		260	266
2/21/2006	263 <sup>A</sup>	4.24 <sup>A</sup>	4.22 <sup>A</sup>	4.23 <sup>A</sup>		263	269
2/22/2006	271 <sup>A</sup>	4.52 <sup>A</sup>	4.23 <sup>A</sup>	4.29 <sup>A</sup>		271	277
2/23/2006	494 <sup>A</sup>	6.93 <sup>A</sup>	4.52 <sup>A</sup>	5.67 <sup>A</sup>		494	500
2/24/2006	838 <sup>A</sup>	7.56 <sup>A</sup>	6.93 <sup>A</sup>	7.34 <sup>A</sup>		838	844
2/25/2006	915 <sup>A</sup>	7.65 <sup>A</sup>	7.54 <sup>A</sup>	7.61 <sup>A</sup>		915	921
2/26/2006	903 <sup>A</sup>	7.63 <sup>A</sup>	7.51 <sup>A</sup>	7.57 <sup>A</sup>		903	909
2/27/2006	820 <sup>A</sup>	7.51 <sup>A</sup>	7.08 <sup>A</sup>	7.27 <sup>A</sup>		820	826
2/28/2006	682 <sup>A</sup>	7.08 <sup>A</sup>	6.15 <sup>A</sup>	6.67 <sup>A</sup>		682	688
3/1/2006	507 <sup>A</sup>	6.15 <sup>A</sup>	5.50 <sup>A</sup>	5.79 <sup>A</sup>		507	513
3/2/2006	422 <sup>A</sup>	5.50 <sup>A</sup>	5.15 <sup>A</sup>	5.30 <sup>A</sup>		422	428
3/3/2006	376 <sup>A</sup>	5.15 <sup>A</sup>	4.90 <sup>A</sup>	5.02 <sup>A</sup>		376	382
3/4/2006	340 <sup>A</sup>	4.90 <sup>A</sup>	4.67 <sup>A</sup>	4.78 <sup>A</sup>		340	346
3/5/2006	309 <sup>A</sup>	4.67 <sup>A</sup>	4.50 <sup>A</sup>	4.57 <sup>A</sup>		309	315
3/6/2006	289 <sup>A</sup>	4.50 <sup>A</sup>	4.26 <sup>A</sup>	4.43 <sup>A</sup>		289	298
3/7/2006	282 <sup>A</sup>	4.42 <sup>A</sup>	4.22 <sup>A</sup>	4.38 <sup>A</sup>		282	292
3/8/2006	272 <sup>A</sup>	4.39 <sup>A</sup>	4.12 <sup>A</sup>	4.30 <sup>A</sup>		272	282
3/9/2006	261 <sup>A</sup>	4.26 <sup>A</sup>	4.16 <sup>A</sup>	4.22 <sup>A</sup>		261	268
3/10/2006	272 <sup>A</sup>			4.30 <sup>A</sup>		272	278
3/11/2006	302 <sup>A</sup>			4.52 <sup>A</sup>		302	308
3/12/2006	304 <sup>A</sup>	4.64 <sup>A</sup>	4.38 <sup>A</sup>	4.53 <sup>A</sup>		304	310
3/13/2006	271 <sup>A</sup>	4.38 <sup>A</sup>	4.22 <sup>A</sup>	4.29 <sup>A</sup>		271	277
3/14/2006	313 <sup>A</sup>	4.97 <sup>A</sup>	4.22 <sup>A</sup>	4.59 <sup>A</sup>		313	319
3/15/2006	377 <sup>A</sup>	5.06 <sup>A</sup>	4.97 <sup>A</sup>	5.02 <sup>A</sup>		377	383
3/16/2006	350 <sup>A</sup>	5.06 <sup>A</sup>	4.59 <sup>A</sup>	4.84 <sup>A</sup>		350	356
3/17/2006	289 <sup>A</sup>	4.59 <sup>A</sup>	4.30 <sup>A</sup>	4.43 <sup>A</sup>		289	295
3/18/2006	263 <sup>A</sup>	4.30 <sup>A</sup>	4.15 <sup>A</sup>	4.23 <sup>A</sup>		263	269
3/19/2006	246 <sup>A</sup>	4.15 <sup>A</sup>	4.06 <sup>A</sup>	4.10 <sup>A</sup>		246	252
3/20/2006	240 <sup>A</sup>	4.24 <sup>A</sup>	4.01 <sup>A</sup>	4.05 <sup>A</sup>		240	246
3/21/2006	442 <sup>A</sup>	6.41 <sup>A</sup>	4.24 <sup>A</sup>	5.38 <sup>A</sup>		442	448
3/22/2006	765 <sup>A</sup>	7.30 <sup>A</sup>	6.41 <sup>A</sup>	7.04 <sup>A</sup>		765	773
3/23/2006	799 <sup>A</sup>	7.39 <sup>A</sup>	6.63 <sup>A</sup>	7.18 <sup>A</sup>		799	809

Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
3/24/2006	533 <sup>A</sup>	6.63 <sup>A</sup>	5.38 <sup>A</sup>	5.92 <sup>A</sup>		533	543
3/25/2006	391 <sup>A</sup>	5.38 <sup>A</sup>	4.88 <sup>A</sup>	5.11 <sup>A</sup>		391	401
3/26/2006	336 <sup>A</sup>	4.88 <sup>A</sup>	4.62 <sup>A</sup>	4.76 <sup>A</sup>		336	342
3/27/2006	299 <sup>A</sup>	4.62 <sup>A</sup>	4.38 <sup>A</sup>	4.50 <sup>A</sup>		299	307
3/28/2006	277 <sup>A</sup>	4.38 <sup>A</sup>	4.31 <sup>A</sup>	4.34 <sup>A</sup>		277	287
3/29/2006	270 <sup>A</sup>	4.31 <sup>A</sup>	4.26 <sup>A</sup>	4.29 <sup>A</sup>		270	280
3/30/2006	263 <sup>A</sup>	4.26 <sup>A</sup>	4.20 <sup>A</sup>	4.24 <sup>A</sup>		263	273
3/31/2006	252 <sup>A</sup>	4.20 <sup>A</sup>	4.09 <sup>A</sup>	4.15 <sup>A</sup>		252	262
4/1/2006	247 <sup>A</sup>	4.16 <sup>A</sup>	4.08 <sup>A</sup>	4.11 <sup>A</sup>		247	255
4/2/2006	256 <sup>A</sup>	4.38 <sup>A</sup>	4.11 <sup>A</sup>	4.17 <sup>A</sup>		256	266
4/3/2006	287 <sup>A</sup>	4.52 <sup>A</sup>	4.29 <sup>A</sup>	4.41 <sup>A</sup>		287	300
4/4/2006	255 <sup>A</sup>	4.29 <sup>A</sup>	4.01 <sup>A</sup>	4.17 <sup>A</sup>		255	267
4/5/2006	233 <sup>A</sup>	4.12 <sup>A</sup>	3.82 <sup>A</sup>	4.00 <sup>A</sup>		233	243
4/6/2006	216 <sup>A</sup>	3.92 <sup>A</sup>	3.79 <sup>A</sup>	3.86 <sup>A</sup>		216	223
4/7/2006	208 <sup>A</sup>	3.82 <sup>A</sup>	3.76 <sup>A</sup>	3.79 <sup>A</sup>		208	215
4/8/2006	214 <sup>A</sup>	3.92 <sup>A</sup>	3.76 <sup>A</sup>	3.84 <sup>A</sup>		214	221
4/9/2006	231 <sup>A</sup>	4.06 <sup>A</sup>	3.92 <sup>A</sup>	3.98 <sup>A</sup>		231	238
4/10/2006	240 <sup>A</sup>	4.10 <sup>A</sup>	3.92 <sup>A</sup>	4.05 <sup>A</sup>		240	247
4/11/2006	215 <sup>A</sup>	3.92 <sup>A</sup>	3.78 <sup>A</sup>	3.85 <sup>A</sup>		215	222
4/12/2006	211 <sup>A</sup>	3.90 <sup>A</sup>	3.72 <sup>A</sup>	3.81 <sup>A</sup>		211	218
4/13/2006	196 <sup>A</sup>	3.72 <sup>A</sup>	3.64 <sup>A</sup>	3.68 <sup>A</sup>		196	203
4/14/2006	189 <sup>A</sup>	3.64 <sup>A</sup>	3.59 <sup>A</sup>	3.62 <sup>A</sup>		189	196
4/15/2006	184 <sup>A</sup>	3.62 <sup>A</sup>	3.48 <sup>A</sup>	3.57 <sup>A</sup>		184	192
4/16/2006	169 <sup>A</sup>	3.48 <sup>A</sup>	3.38 <sup>A</sup>	3.43 <sup>A</sup>		169	180
4/17/2006	160 <sup>A</sup>	3.38 <sup>A</sup>	3.32 <sup>A</sup>	3.35 <sup>A</sup>		160	171
4/18/2006	154 <sup>A</sup>	3.32 <sup>A</sup>	3.26 <sup>A</sup>	3.29 <sup>A</sup>		154	172
4/19/2006	139 <sup>A</sup>	3.26 <sup>A</sup>	2.93 <sup>A</sup>	3.13 <sup>A</sup>		139	156
4/20/2006	144 <sup>A</sup>	3.37 <sup>A</sup>	3.00 <sup>A</sup>	3.18 <sup>A</sup>		144	161
4/21/2006	177 <sup>A</sup>	3.73 <sup>A</sup>	3.36 <sup>A</sup>	3.51 <sup>A</sup>		177	200
4/22/2006	305 <sup>A</sup>	5.33 <sup>A</sup>	3.73 <sup>A</sup>	4.51 <sup>A</sup>		305	328
4/23/2006	486 <sup>A</sup>	5.80 <sup>A</sup>	5.33 <sup>A</sup>	5.67 <sup>A</sup>		486	509
4/24/2006	447 <sup>A</sup>	5.81 <sup>A</sup>	4.62 <sup>A</sup>	5.43 <sup>A</sup>		447	468
4/25/2006	257 <sup>A</sup>	4.62 <sup>A</sup>	3.89 <sup>A</sup>	4.18 <sup>A</sup>		257	264
4/26/2006	217 <sup>A</sup>	4.05 <sup>A</sup>	3.74 <sup>A</sup>	3.86 <sup>A</sup>		217	228
4/27/2006	193 <sup>A</sup>	3.74 <sup>A</sup>	3.56 <sup>A</sup>	3.65 <sup>A</sup>		193	204
4/28/2006	178 <sup>A</sup>	3.56 <sup>A</sup>	3.44 <sup>A</sup>	3.52 <sup>A</sup>		178	189
4/29/2006	160 <sup>A</sup>	3.44 <sup>A</sup>	3.25 <sup>A</sup>	3.34 <sup>A</sup>		160	171
4/30/2006	147 <sup>A</sup>	3.25 <sup>A</sup>	3.17 <sup>A</sup>	3.21 <sup>A</sup>		147	158
5/1/2006	141 <sup>A</sup>	3.17 <sup>A</sup>	3.13 <sup>A</sup>	3.15 <sup>A</sup>		141	150
5/2/2006	137 <sup>A</sup>	3.14 <sup>A</sup>	3.09 <sup>A</sup>	3.11 <sup>A</sup>		137	148
5/3/2006	127 <sup>A</sup>	3.09 <sup>A</sup>	2.78 <sup>A</sup>	3.00 <sup>A</sup>		127	144
5/4/2006	124 <sup>A</sup>	3.07 <sup>A</sup>	2.79 <sup>A</sup>	2.96 <sup>A</sup>		124	143
5/5/2006	133 <sup>A</sup>	3.13 <sup>A</sup>	3.04 <sup>A</sup>	3.06 <sup>A</sup>		133	144
5/6/2006	180 <sup>A</sup>	3.70 <sup>A</sup>	3.13 <sup>A</sup>	3.53 <sup>A</sup>		180	191
5/7/2006	219 <sup>A</sup>	4.32 <sup>A</sup>	3.68 <sup>A</sup>	3.88 <sup>A</sup>		219	230
5/8/2006	307 <sup>A</sup>	4.66 <sup>A</sup>	4.32 <sup>A</sup>	4.56 <sup>A</sup>		307	318
5/9/2006	334 <sup>A</sup>	4.85 <sup>A</sup>	4.48 <sup>A</sup>	4.74 <sup>A</sup>		334	345
5/10/2006	245 <sup>A</sup>	4.48 <sup>A</sup>	3.89 <sup>A</sup>	4.08 <sup>A</sup>		245	256

Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
5/11/2006	222 <sup>A</sup>	3.95 <sup>A</sup>	3.76 <sup>A</sup>	3.90 <sup>A</sup>		222	233
5/12/2006	202 <sup>A</sup>	3.83 <sup>A</sup>	3.59 <sup>A</sup>	3.73 <sup>A</sup>		202	213
5/13/2006	168 <sup>A</sup>	3.59 <sup>A</sup>	3.28 <sup>A</sup>	3.42 <sup>A</sup>		168	179
5/14/2006	148 <sup>A</sup>	3.28 <sup>A</sup>	3.17 <sup>A</sup>	3.23 <sup>A</sup>		148	159
5/15/2006	141 <sup>A</sup>	3.17 <sup>A</sup>	3.14 <sup>A</sup>	3.15 <sup>A</sup>		141	152
5/16/2006	134 <sup>A</sup>	3.17 <sup>A</sup>	2.98 <sup>A</sup>	3.07 <sup>A</sup>		134	145
5/17/2006	122 <sup>A</sup>	2.98 <sup>A</sup>	2.89 <sup>A</sup>	2.94 <sup>A</sup>		122	133
5/18/2006	115 <sup>A</sup>	2.89 <sup>A</sup>	2.83 <sup>A</sup>	2.86 <sup>A</sup>		115	126
5/19/2006	114 <sup>A</sup>	2.90 <sup>A</sup>	2.81 <sup>A</sup>	2.85 <sup>A</sup>		114	125
5/20/2006	110 <sup>A</sup>	2.82 <sup>A</sup>	2.77 <sup>A</sup>	2.80 <sup>A</sup>		110	121
5/21/2006	103 <sup>A</sup>	2.77 <sup>A</sup>	2.66 <sup>A</sup>	2.72 <sup>A</sup>		103	114
5/22/2006	96 <sup>A</sup>	2.66 <sup>A</sup>	2.59 <sup>A</sup>	2.63 <sup>A</sup>		96	107
5/23/2006	91 <sup>A</sup>	2.59 <sup>A</sup>	2.53 <sup>A</sup>	2.56 <sup>A</sup>		91	102
5/24/2006	90 <sup>A</sup>	2.74 <sup>A</sup>	2.46 <sup>A</sup>	2.55 <sup>A</sup>		90	120
5/25/2006	81 <sup>A</sup>	2.46 <sup>A</sup>	2.37 <sup>A</sup>	2.42 <sup>A</sup>		81	111
5/26/2006	79 <sup>A</sup>	2.64 <sup>A</sup>	2.35 <sup>A</sup>	2.40 <sup>A</sup>		79	109
5/27/2006	174 <sup>A</sup>	4.04 <sup>A</sup>	2.64 <sup>A</sup>	3.45 <sup>A</sup>		174	204
5/28/2006	181 <sup>A</sup>	4.03 <sup>A</sup>	2.99 <sup>A</sup>	3.52 <sup>A</sup>		181	211
5/29/2006	102 <sup>A</sup>	2.99 <sup>A</sup>	2.51 <sup>A</sup>	2.70 <sup>A</sup>		102	132
5/30/2006	79 <sup>A</sup>	2.51 <sup>A</sup>	2.30 <sup>A</sup>	2.40 <sup>A</sup>		79	109
5/31/2006	67 <sup>A</sup>	2.30 <sup>A</sup>	2.17 <sup>A</sup>	2.23 <sup>A</sup>		67	99
6/1/2006	61 <sup>A</sup>	2.17 <sup>A</sup>	2.10 <sup>A</sup>	2.12 <sup>A</sup>		61	85
6/2/2006	89 <sup>A</sup>	3.19 <sup>A</sup>	2.12 <sup>A</sup>	2.52 <sup>A</sup>		89	112
6/3/2006	174 <sup>A</sup>	3.61 <sup>A</sup>	3.19 <sup>A</sup>	3.48 <sup>A</sup>		174	190
6/4/2006	182 <sup>A</sup>	3.63 <sup>A</sup>	3.45 <sup>A</sup>	3.55 <sup>A</sup>		182	198
6/5/2006	144 <sup>A</sup>	3.45 <sup>A</sup>	2.95 <sup>A</sup>	3.17 <sup>A</sup>		144	164
6/6/2006	112 <sup>A</sup>	2.95 <sup>A</sup>	2.72 <sup>A</sup>	2.83 <sup>A</sup>		112	132
6/7/2006	96 <sup>A</sup>	2.72 <sup>A</sup>	2.56 <sup>A</sup>	2.63 <sup>A</sup>		96	116
6/8/2006	84 <sup>A</sup>	2.56 <sup>A</sup>	2.39 <sup>A</sup>	2.47 <sup>A</sup>		84	109
6/9/2006	75 <sup>A</sup>	2.39 <sup>A</sup>	2.30 <sup>A</sup>	2.34 <sup>A</sup>		75	88
6/10/2006	69 <sup>A</sup>	2.30 <sup>A</sup>	2.21 <sup>A</sup>	2.26 <sup>A</sup>		69	82
6/11/2006	64 <sup>A</sup>	2.21 <sup>A</sup>	2.15 <sup>A</sup>	2.18 <sup>A</sup>		64	77
6/12/2006	60 <sup>A</sup>	2.16 <sup>A</sup>	2.10 <sup>A</sup>	2.12 <sup>A</sup>		60	73
6/13/2006	61 <sup>A</sup>	2.21 <sup>A</sup>	2.09 <sup>A</sup>	2.12 <sup>A</sup>		61	71
6/14/2006	67 <sup>A</sup>	2.24 <sup>A</sup>	2.21 <sup>A</sup>	2.23 <sup>A</sup>		67	79
6/15/2006	64 <sup>A</sup>	2.21 <sup>A</sup>	2.13 <sup>A</sup>	2.17 <sup>A</sup>		64	76
6/16/2006	57 <sup>A</sup>	2.13 <sup>A</sup>	2.02 <sup>A</sup>	2.07 <sup>A</sup>		57	69
6/17/2006	53 <sup>A</sup>	2.02 <sup>A</sup>	1.96 <sup>A</sup>	1.99 <sup>A</sup>		53	65
6/18/2006	49 <sup>A</sup>	1.96 <sup>A</sup>	1.91 <sup>A</sup>	1.93 <sup>A</sup>		49	61
6/19/2006	47 <sup>A</sup>	1.91 <sup>A</sup>	1.87 <sup>A</sup>	1.89 <sup>A</sup>		47	59
6/20/2006	46 <sup>A</sup>	1.87 <sup>A</sup>	1.85 <sup>A</sup>	1.86 <sup>A</sup>		46	58
6/21/2006	45 <sup>A</sup>	1.87 <sup>A</sup>	1.83 <sup>A</sup>	1.84 <sup>A</sup>		45	57
6/22/2006	43 <sup>A</sup>	1.87 <sup>A</sup>	1.78 <sup>A</sup>	1.81 <sup>A</sup>		43	55
6/23/2006	47 <sup>A</sup>	2.30 <sup>A</sup>	1.76 <sup>A</sup>	1.87 <sup>A</sup>		47	59
6/24/2006	72 <sup>A</sup>	2.42 <sup>A</sup>	2.16 <sup>A</sup>	2.29 <sup>A</sup>		72	84
6/25/2006	113 <sup>A</sup>	3.15 <sup>A</sup>	2.19 <sup>A</sup>	2.81 <sup>A</sup>		113	125
6/26/2006	127 <sup>A</sup>	3.18 <sup>A</sup>	2.86 <sup>A</sup>	3.00 <sup>A</sup>		127	139
6/27/2006	173 <sup>A</sup>	3.70 <sup>A</sup>	3.18 <sup>A</sup>	3.46 <sup>A</sup>		173	215

Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
6/28/2006	159 <sup>A</sup>	3.70 <sup>A</sup>	2.72 <sup>A</sup>	3.32 <sup>A</sup>		159	202
6/29/2006	85 <sup>A</sup>	2.72 <sup>A</sup>	2.27 <sup>A</sup>	2.48 <sup>A</sup>		85	128
6/30/2006	69 <sup>A</sup>	2.39 <sup>A</sup>	2.10 <sup>A</sup>	2.25 <sup>A</sup>		69	112
7/1/2006	69 <sup>A</sup>	2.33 <sup>A</sup>	2.16 <sup>A</sup>	2.25 <sup>A</sup>		69	81
7/2/2006	59 <sup>A</sup>	2.16 <sup>A</sup>	2.03 <sup>A</sup>	2.09 <sup>A</sup>		59	71
7/3/2006	53 <sup>A</sup>	2.03 <sup>A</sup>	1.96 <sup>A</sup>	1.99 <sup>A</sup>		53	65
7/4/2006	54 <sup>A</sup>	2.16 <sup>A</sup>	1.94 <sup>A</sup>	2.01 <sup>A</sup>		54	66
7/5/2006	51 <sup>A</sup>	2.02 <sup>A</sup>	1.92 <sup>A</sup>	1.96 <sup>A</sup>		51	63
7/6/2006	52 <sup>A</sup>	2.10 <sup>A</sup>	1.89 <sup>A</sup>	1.97 <sup>A</sup>		52	64
7/7/2006	58 <sup>A</sup>	2.10 <sup>A</sup>	2.05 <sup>A</sup>	2.08 <sup>A</sup>		58	70
7/8/2006	51 <sup>A</sup>	2.09 <sup>A</sup>	1.88 <sup>A</sup>	1.97 <sup>A</sup>		51	63
7/9/2006	44 <sup>A</sup>	1.88 <sup>A</sup>	1.75 <sup>A</sup>	1.82 <sup>A</sup>		44	56
7/10/2006	38 <sup>A</sup>	1.75 <sup>A</sup>	1.67 <sup>A</sup>	1.71 <sup>A</sup>		38	50
7/11/2006	37 <sup>A</sup>	1.70 <sup>A</sup>	1.66 <sup>A</sup>	1.69 <sup>A</sup>		37	49
7/12/2006	44 <sup>A</sup>	1.85 <sup>A</sup>	1.70 <sup>A</sup>	1.83 <sup>A</sup>		44	56
7/13/2006	37 <sup>A</sup>	1.76 <sup>A</sup>	1.65 <sup>A</sup>	1.69 <sup>A</sup>		37	49
7/14/2006	41 <sup>A</sup>	1.89 <sup>A</sup>	1.64 <sup>A</sup>	1.76 <sup>A</sup>		41	53
7/15/2006	40 <sup>A</sup>	1.80 <sup>A</sup>	1.74 <sup>A</sup>	1.75 <sup>A</sup>		40	52
7/16/2006	36 <sup>A</sup>	1.74 <sup>A</sup>	1.65 <sup>A</sup>	1.67 <sup>A</sup>		36	48
7/17/2006	35 <sup>A</sup>	1.65 <sup>A</sup>	1.63 <sup>A</sup>	1.64 <sup>A</sup>		35	47
7/18/2006	34 <sup>A</sup>	1.63 <sup>A</sup>	1.61 <sup>A</sup>	1.62 <sup>A</sup>		34	46
7/19/2006	33 <sup>A</sup>	1.61 <sup>A</sup>	1.59 <sup>A</sup>	1.60 <sup>A</sup>		33	45
7/20/2006	32 <sup>A</sup>	1.59 <sup>A</sup>	1.58 <sup>A</sup>	1.58 <sup>A</sup>		32	44
7/21/2006	32 <sup>A</sup>	1.58 <sup>A</sup>	1.58 <sup>A</sup>	1.58 <sup>A</sup>		32	44
7/22/2006	32 <sup>A</sup>	1.58 <sup>A</sup>	1.58 <sup>A</sup>	1.58 <sup>A</sup>		32	44
7/23/2006	32 <sup>A</sup>	1.58 <sup>A</sup>	1.57 <sup>A</sup>	1.57 <sup>A</sup>		32	44
7/24/2006	38 <sup>A</sup>	1.93 <sup>A</sup>	1.57 <sup>A</sup>	1.71 <sup>A</sup>		38	51
7/25/2006	60 <sup>A</sup>	2.34 <sup>A</sup>	1.93 <sup>A</sup>	2.11 <sup>A</sup>		60	94
7/26/2006	56 <sup>A</sup>	2.20 <sup>A</sup>	1.89 <sup>A</sup>	2.05 <sup>A</sup>		56	69
7/27/2006	53 <sup>A</sup>	2.12 <sup>A</sup>	1.86 <sup>A</sup>	1.99 <sup>A</sup>		53	66
7/28/2006	39 <sup>A</sup>	1.86 <sup>A</sup>	1.65 <sup>A</sup>	1.73 <sup>A</sup>		39	52
7/29/2006	37 <sup>A</sup>	1.98 <sup>A</sup>	1.64 <sup>A</sup>	1.69 <sup>A</sup>		37	50
7/30/2006	68 <sup>A</sup>	2.70 <sup>A</sup>	1.98 <sup>A</sup>	2.22 <sup>A</sup>		68	81
7/31/2006	80 <sup>A</sup>	2.82 <sup>A</sup>	2.00 <sup>A</sup>	2.40 <sup>A</sup>		80	118
8/1/2006	58 <sup>A</sup>	2.50 <sup>A</sup>	1.71 <sup>A</sup>	2.05 <sup>A</sup>		58	84
8/2/2006	40 <sup>A</sup>	1.88 <sup>A</sup>	1.65 <sup>A</sup>	1.75 <sup>A</sup>		40	60
8/3/2006	40 <sup>A</sup>	1.80 <sup>A</sup>	1.68 <sup>A</sup>	1.75 <sup>A</sup>		40	52
8/4/2006	37 <sup>A</sup>	1.88 <sup>A</sup>	1.64 <sup>A</sup>	1.69 <sup>A</sup>		37	49
8/5/2006	49 <sup>A</sup>	2.13 <sup>A</sup>	1.86 <sup>A</sup>	1.93 <sup>A</sup>		49	59
8/6/2006	63 <sup>A</sup>	2.36 <sup>A</sup>	1.99 <sup>A</sup>	2.15 <sup>A</sup>		63	75
8/7/2006	58 <sup>A</sup>	2.36 <sup>A</sup>	1.67 <sup>A</sup>	2.07 <sup>A</sup>		58	94
8/8/2006	55 <sup>A</sup>	2.27 <sup>A</sup>	1.66 <sup>A</sup>	2.02 <sup>A</sup>		55	74
8/9/2006	46 <sup>A</sup>	2.05 <sup>A</sup>	1.73 <sup>A</sup>	1.86 <sup>A</sup>		46	58
8/10/2006	45 <sup>A</sup>	2.23 <sup>A</sup>	1.65 <sup>A</sup>	1.83 <sup>A</sup>		45	62
8/11/2006	50 <sup>A</sup>	2.30 <sup>A</sup>	1.60 <sup>A</sup>	1.93 <sup>A</sup>		50	75
8/12/2006	44 <sup>A</sup>	2.21 <sup>A</sup>	1.59 <sup>A</sup>	1.81 <sup>A</sup>		44	78
8/13/2006	61 <sup>A</sup>	2.24 <sup>A</sup>	1.92 <sup>A</sup>	2.12 <sup>A</sup>		61	95
8/14/2006	45 <sup>A</sup>	1.92 <sup>A</sup>	1.82 <sup>A</sup>	1.85 <sup>A</sup>		45	76

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8/15/2006	38 <sup>A</sup>	1.82 <sup>A</sup>	1.60 <sup>A</sup>	1.71 <sup>A</sup>		38	72
8/16/2006	46 <sup>A</sup>	2.36 <sup>A</sup>	1.58 <sup>A</sup>	1.84 <sup>A</sup>		46	61
8/17/2006	65 <sup>A</sup>	2.38 <sup>A</sup>	1.79 <sup>A</sup>	2.18 <sup>A</sup>		65	106
8/18/2006	54 <sup>A</sup>	2.28 <sup>A</sup>	1.70 <sup>A</sup>	2.00 <sup>A</sup>		54	68
8/19/2006	45 <sup>A</sup>	1.98 <sup>A</sup>	1.76 <sup>A</sup>	1.84 <sup>A</sup>		45	59
8/20/2006	36 <sup>A</sup>	1.76 <sup>A</sup>	1.62 <sup>A</sup>	1.67 <sup>A</sup>		36	50
8/21/2006	42 <sup>A</sup>	1.86 <sup>A</sup>	1.67 <sup>A</sup>	1.79 <sup>A</sup>		42	56
8/22/2006	42 <sup>A</sup>	1.90 <sup>A</sup>	1.74 <sup>A</sup>	1.79 <sup>A</sup>		42	54
8/23/2006	63 <sup>A</sup>	2.65 <sup>A</sup>	1.87 <sup>A</sup>	2.15 <sup>A</sup>		63	80
8/24/2006	111 <sup>A</sup>	3.16 <sup>A</sup>	2.27 <sup>A</sup>	2.81 <sup>A</sup>		111	157
8/25/2006	67 <sup>A</sup>	2.58 <sup>A</sup>	1.91 <sup>A</sup>	2.21 <sup>A</sup>		67	113
8/26/2006	98 <sup>A</sup>	2.80 <sup>A</sup>	2.36 <sup>A</sup>	2.65 <sup>A</sup>		98	135
8/27/2006	59 <sup>A</sup>	2.36 <sup>A</sup>	1.88 <sup>A</sup>	2.09 <sup>A</sup>		59	96
8/28/2006	45 <sup>A</sup>	1.96 <sup>A</sup>	1.73 <sup>A</sup>	1.85 <sup>A</sup>		45	82
8/29/2006	44 <sup>A</sup>	1.90 <sup>A</sup>	1.78 <sup>A</sup>	1.83 <sup>A</sup>		44	62
8/30/2006	44 <sup>A</sup>	1.89 <sup>A</sup>	1.76 <sup>A</sup>	1.82 <sup>A</sup>		44	62
8/31/2006	44 <sup>A</sup>	1.88 <sup>A</sup>	1.80 <sup>A</sup>	1.83 <sup>A</sup>		44	62
9/1/2006	50 <sup>A</sup>	2.02 <sup>A</sup>	1.81 <sup>A</sup>	1.93 <sup>A</sup>		50	68
9/2/2006	63 <sup>A</sup>	2.35 <sup>A</sup>	1.98 <sup>A</sup>	2.15 <sup>A</sup>		63	82
9/3/2006	71 <sup>A</sup>	2.37 <sup>A</sup>	2.16 <sup>A</sup>	2.28 <sup>A</sup>		71	89
9/4/2006	79 <sup>A</sup>	2.61 <sup>A</sup>	2.22 <sup>A</sup>	2.39 <sup>A</sup>		79	97
9/5/2006	59 <sup>A</sup>	2.22 <sup>A</sup>	1.99 <sup>A</sup>	2.09 <sup>A</sup>		59	76
9/6/2006	55 <sup>A</sup>	2.10 <sup>A</sup>	1.95 <sup>A</sup>	2.02 <sup>A</sup>		55	73
9/7/2006	46 <sup>A</sup>	1.95 <sup>A</sup>	1.82 <sup>A</sup>	1.87 <sup>A</sup>		46	64
9/8/2006	44 <sup>A</sup>	1.88 <sup>A</sup>	1.78 <sup>A</sup>	1.83 <sup>A</sup>		44	57
9/9/2006	41 <sup>A</sup>	1.81 <sup>A</sup>	1.74 <sup>A</sup>	1.77 <sup>A</sup>		41	54
9/10/2006	38 <sup>A</sup>	1.74 <sup>A</sup>	1.67 <sup>A</sup>	1.70 <sup>A</sup>		38	51
9/11/2006	35 <sup>A</sup>	1.67 <sup>A</sup>	1.62 <sup>A</sup>	1.65 <sup>A</sup>		35	48
9/12/2006	33 <sup>A</sup>	1.62 <sup>A</sup>	1.59 <sup>A</sup>	1.60 <sup>A</sup>		33	46
9/13/2006	52 <sup>A</sup>	2.65 <sup>A</sup>	1.59 <sup>A</sup>	1.96 <sup>A</sup>		52	65
9/14/2006	107 <sup>A</sup>	3.10 <sup>A</sup>	2.59 <sup>A</sup>	2.77 <sup>A</sup>		107	155
9/15/2006	187 <sup>A</sup>	3.94 <sup>A</sup>	2.99 <sup>A</sup>	3.58 <sup>A</sup>		187	237
9/16/2006	140 <sup>A</sup>	3.89 <sup>A</sup>	2.37 <sup>A</sup>	3.11 <sup>A</sup>		140	186
9/17/2006	84 <sup>A</sup>	2.87 <sup>A</sup>	2.10 <sup>A</sup>	2.46 <sup>A</sup>		84	110
9/18/2006	61 <sup>A</sup>	2.51 <sup>A</sup>	1.89 <sup>A</sup>	2.12 <sup>A</sup>		61	83
9/19/2006	63 <sup>A</sup>	2.50 <sup>A</sup>	1.92 <sup>A</sup>	2.14 <sup>A</sup>		63	91
9/20/2006	49 <sup>A</sup>	2.02 <sup>A</sup>	1.83 <sup>A</sup>	1.91 <sup>A</sup>		49	75
9/21/2006	44 <sup>A</sup>	2.01 <sup>A</sup>	1.67 <sup>A</sup>	1.82 <sup>A</sup>		44	70
9/22/2006	37 <sup>A</sup>	1.89 <sup>A</sup>	1.59 <sup>A</sup>	1.68 <sup>A</sup>		37	50
9/23/2006	44 <sup>A</sup>	1.89 <sup>A</sup>	1.78 <sup>A</sup>	1.83 <sup>A</sup>		44	60
9/24/2006	43 <sup>A</sup>	1.89 <sup>A</sup>	1.77 <sup>A</sup>	1.81 <sup>A</sup>		43	59
9/25/2006	60 <sup>A</sup>	2.27 <sup>A</sup>	1.89 <sup>A</sup>	2.10 <sup>A</sup>		60	76
9/26/2006	60 <sup>A</sup>	2.17 <sup>A</sup>	2.02 <sup>A</sup>	2.10 <sup>A</sup>		60	72
9/27/2006	47 <sup>A</sup>	2.14 <sup>A</sup>	1.68 <sup>A</sup>	1.89 <sup>A</sup>		47	56
9/28/2006	35 <sup>A</sup>	1.68 <sup>A</sup>	1.59 <sup>A</sup>	1.64 <sup>A</sup>		35	46
9/29/2006	35 <sup>A</sup>	1.66 <sup>A</sup>	1.64 <sup>A</sup>	1.66 <sup>A</sup>		35	41
9/30/2006	34 <sup>A</sup>	1.64 <sup>A</sup>	1.62 <sup>A</sup>	1.63 <sup>A</sup>		34	40
10/1/2006	34 <sup>A</sup>	1.62 <sup>A</sup>	1.61 <sup>A</sup>	1.62 <sup>A</sup>	0.00 <sup>A</sup>	34	45

Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
10/2/2006	35 <sup>A</sup>	1.71 <sup>A</sup>	1.60 <sup>A</sup>	1.65 <sup>A</sup>	0.00 <sup>A</sup>	35	43
10/3/2006	35 <sup>A</sup>	1.71 <sup>A</sup>	1.62 <sup>A</sup>	1.65 <sup>A</sup>	0.00 <sup>A</sup>	35	41
10/4/2006	33 <sup>A</sup>	1.62 <sup>A</sup>	1.60 <sup>A</sup>	1.61 <sup>A</sup>	0.00 <sup>A</sup>	33	39
10/5/2006	33 <sup>A</sup>	1.60 <sup>A</sup>	1.60 <sup>A</sup>	1.60 <sup>A</sup>	0.00 <sup>A</sup>	33	39
10/6/2006	33 <sup>A</sup>	1.60 <sup>A</sup>	1.59 <sup>A</sup>	1.59 <sup>A</sup>	0.00 <sup>A</sup>	33	39
10/7/2006	32 <sup>A</sup>	1.59 <sup>A</sup>	1.58 <sup>A</sup>	1.59 <sup>A</sup>	0.00 <sup>A</sup>	32	38
10/8/2006	32 <sup>A</sup>	1.58 <sup>A</sup>	1.58 <sup>A</sup>	1.58 <sup>A</sup>	0.00 <sup>A</sup>	32	38
10/9/2006	32 <sup>A</sup>	1.58 <sup>A</sup>	1.58 <sup>A</sup>	1.58 <sup>A</sup>	0.00 <sup>A</sup>	32	38
10/10/2006	32 <sup>A</sup>	1.58 <sup>A</sup>	1.57 <sup>A</sup>	1.57 <sup>A</sup>	0.00 <sup>A</sup>	32	38
10/11/2006	32 <sup>A</sup>	1.57 <sup>A</sup>	1.57 <sup>A</sup>	1.57 <sup>A</sup>	0.26 <sup>A</sup>	32	38
10/12/2006	32 <sup>A</sup>	1.57 <sup>A</sup>	1.57 <sup>A</sup>	1.57 <sup>A</sup>	0.00 <sup>A</sup>	32	38
10/13/2006	32 <sup>A</sup>	1.57 <sup>A</sup>	1.57 <sup>A</sup>	1.57 <sup>A</sup>	0.00 <sup>A</sup>	32	38
10/14/2006	32 <sup>A</sup>	1.57 <sup>A</sup>	1.57 <sup>A</sup>	1.57 <sup>A</sup>	0.00 <sup>A</sup>	32	38
10/15/2006	32 <sup>A</sup>	1.57 <sup>A</sup>	1.57 <sup>A</sup>	1.57 <sup>A</sup>	0.00 <sup>A</sup>	32	38
10/16/2006	31 <sup>A</sup>	1.57 <sup>A</sup>	1.56 <sup>A</sup>	1.57 <sup>A</sup>	0.11 <sup>A</sup>	31	37
10/17/2006	31 <sup>A</sup>	1.56 <sup>A</sup>	1.56 <sup>A</sup>	1.56 <sup>A</sup>	0.50 <sup>A</sup>	31	42
10/18/2006	53 <sup>A</sup>	2.39 <sup>A</sup>	1.56 <sup>A</sup>	1.97 <sup>A</sup>	0.01 <sup>A</sup>	53	66
10/19/2006	83 <sup>A</sup>	2.71 <sup>A</sup>	2.26 <sup>A</sup>	2.46 <sup>A</sup>	0.16 <sup>A</sup>	83	118
10/20/2006	56 <sup>A</sup>	2.26 <sup>A</sup>	1.85 <sup>A</sup>	2.04 <sup>A</sup>	0.00 <sup>A</sup>	56	81
10/21/2006	43 <sup>A</sup>	1.85 <sup>A</sup>	1.76 <sup>A</sup>	1.80 <sup>A</sup>	0.00 <sup>A</sup>	43	68
10/22/2006	40 <sup>A</sup>	1.81 <sup>A</sup>	1.67 <sup>A</sup>	1.75 <sup>A</sup>	0.10 <sup>A</sup>	40	65
10/23/2006	34 <sup>A</sup>	1.67 <sup>A</sup>	1.60 <sup>A</sup>	1.63 <sup>A</sup>	0.00 <sup>A</sup>	34	55
10/24/2006	38 <sup>A</sup>	1.83 <sup>A</sup>	1.60 <sup>A</sup>	1.72 <sup>A</sup>	0.00 <sup>A</sup>	38	49
10/25/2006	38 <sup>A</sup>	1.76 <sup>A</sup>	1.66 <sup>A</sup>	1.71 <sup>A</sup>	0.00 <sup>A</sup>	38	51
10/26/2006	36 <sup>A</sup>	1.71 <sup>A</sup>	1.65 <sup>A</sup>	1.67 <sup>A</sup>	0.00 <sup>A</sup>	36	49
10/27/2006	55 <sup>A</sup>	2.77 <sup>A</sup>	1.65 <sup>A</sup>	1.99 <sup>A</sup>	2.00 <sup>A</sup>	55	68
10/28/2006	203 <sup>A</sup>	4.10 <sup>A</sup>	2.77 <sup>A</sup>	3.73 <sup>A</sup>	0.00 <sup>A</sup>	203	225
10/29/2006	264 <sup>A</sup>	4.48 <sup>A</sup>	4.08 <sup>A</sup>	4.24 <sup>A</sup>	0.00 <sup>A</sup>	264	312
10/30/2006	225 <sup>A</sup>	4.48 <sup>A</sup>	2.98 <sup>A</sup>	3.89 <sup>A</sup>	0.00 <sup>A</sup>	225	273
10/31/2006	99 <sup>A</sup>	2.98 <sup>A</sup>	2.49 <sup>A</sup>	2.66 <sup>A</sup>	0.00 <sup>A</sup>	99	127
11/1/2006	76 <sup>A</sup>	2.52 <sup>A</sup>	2.23 <sup>A</sup>	2.35 <sup>A</sup>	0.00 <sup>A</sup>	76	107
11/2/2006	63 <sup>A</sup>	2.26 <sup>A</sup>	2.09 <sup>A</sup>	2.15 <sup>A</sup>	0.00 <sup>A</sup>	63	90
11/3/2006	54 <sup>A</sup>	2.09 <sup>A</sup>	1.89 <sup>A</sup>	2.01 <sup>A</sup>	0.00 <sup>A</sup>	54	78
11/4/2006	50 <sup>A</sup>	1.96 <sup>A</sup>	1.90 <sup>A</sup>	1.94 <sup>A</sup>	0.00 <sup>A</sup>	50	76
11/5/2006	46 <sup>A</sup>	1.90 <sup>A</sup>	1.83 <sup>A</sup>	1.87 <sup>A</sup>	0.00 <sup>A</sup>	46	69
11/6/2006	47 <sup>A</sup>	2.23 <sup>A</sup>	1.76 <sup>A</sup>	1.88 <sup>A</sup>	0.00 <sup>A</sup>	47	71
11/7/2006	46 <sup>A</sup>	2.08 <sup>A</sup>	1.77 <sup>A</sup>	1.87 <sup>A</sup>	0.59 <sup>A</sup>	46	79
11/8/2006	74 <sup>A</sup>	2.59 <sup>A</sup>	2.08 <sup>A</sup>	2.33 <sup>A</sup>	0.01 <sup>A</sup>	74	96
11/9/2006	110 <sup>A</sup>	2.99 <sup>A</sup>	2.59 <sup>A</sup>	2.80 <sup>A</sup>	0.00 <sup>A</sup>	110	132
11/10/2006	112 <sup>A</sup>	2.99 <sup>A</sup>	2.55 <sup>A</sup>	2.82 <sup>A</sup>	0.00 <sup>A</sup>	112	134
11/11/2006	82 <sup>A</sup>	2.55 <sup>A</sup>	2.36 <sup>A</sup>	2.44 <sup>A</sup>	0.01 <sup>A</sup>	82	104
11/12/2006	72 <sup>A</sup>	2.36 <sup>A</sup>	2.26 <sup>A</sup>	2.30 <sup>A</sup>	0.00 <sup>A</sup>	72	92
11/13/2006	67 <sup>A</sup>	2.26 <sup>A</sup>	2.12 <sup>A</sup>	2.22 <sup>A</sup>	0.00 <sup>A</sup>	67	87
11/14/2006	65 <sup>A</sup>	2.36 <sup>A</sup>	2.07 <sup>A</sup>	2.19 <sup>A</sup>	0.00 <sup>A</sup>	65	95
11/15/2006	91 <sup>A</sup>	3.62 <sup>A</sup>	2.12 <sup>A</sup>	2.50 <sup>A</sup>	2.26 <sup>A</sup>	91	106
11/16/2006	334 <sup>A</sup>	5.40 <sup>A</sup>	3.62 <sup>A</sup>	4.72 <sup>A</sup>	0.05 <sup>A</sup>	334	370
11/17/2006	484 <sup>A</sup>	6.22 <sup>A</sup>	5.40 <sup>A</sup>	5.66 <sup>A</sup>	0.00 <sup>A</sup>	484	525
11/18/2006	709 <sup>A</sup>	7.11 <sup>A</sup>	6.22 <sup>A</sup>	6.80 <sup>A</sup>	0.00 <sup>A</sup>	709	748

Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
11/19/2006	404 <sup>A</sup>	6.51 <sup>A</sup>	4.33 <sup>A</sup>	5.31 <sup>A</sup>	0.00 <sup>A</sup>	404	447
11/20/2006	183 <sup>A</sup>	4.33 <sup>A</sup>	3.34 <sup>A</sup>	3.76 <sup>A</sup>	0.00 <sup>A</sup>	183	234
11/21/2006	125 <sup>A</sup>	3.34 <sup>A</sup>	2.86 <sup>A</sup>	3.06 <sup>A</sup>	0.00 <sup>A</sup>	125	180
11/22/2006	109 <sup>A</sup>	2.97 <sup>A</sup>	2.68 <sup>A</sup>	2.83 <sup>A</sup>	0.02 <sup>A</sup>	109	118
11/23/2006	111 <sup>A</sup>	2.91 <sup>A</sup>	2.80 <sup>A</sup>	2.85 <sup>A</sup>	0.00 <sup>A</sup>	111	116
11/24/2006	103 <sup>A</sup>	2.80 <sup>A</sup>	2.67 <sup>A</sup>	2.73 <sup>A</sup>	0.00 <sup>A</sup>	103	137
11/25/2006	96 <sup>A</sup>	2.67 <sup>A</sup>	2.58 <sup>A</sup>	2.63 <sup>A</sup>	0.00 <sup>A</sup>	96	101
11/26/2006	92 <sup>A</sup>	2.58 <sup>A</sup>	2.52 <sup>A</sup>	2.55 <sup>A</sup>	0.00 <sup>A</sup>	92	110
11/27/2006	84 <sup>A</sup>	2.52 <sup>A</sup>	2.35 <sup>A</sup>	2.43 <sup>A</sup>	0.00 <sup>A</sup>	84	108
11/28/2006	79 <sup>A</sup>	2.38 <sup>A</sup>	2.34 <sup>A</sup>	2.35 <sup>A</sup>	0.00 <sup>A</sup>	79	102
11/29/2006	75 <sup>A</sup>			2.35 <sup>A</sup>	0.02 <sup>A</sup>	75	99
11/30/2006	82 <sup>A</sup>	2.43 <sup>A</sup>	2.35 <sup>A</sup>	2.39 <sup>A</sup>	0.05 <sup>A</sup>	82	93
12/1/2006	90 <sup>A</sup>	2.79 <sup>A</sup>	2.42 <sup>A</sup>	2.52 <sup>A</sup>	0.07 <sup>A</sup>	90	97
12/2/2006	116 <sup>A</sup>	2.98 <sup>A</sup>	2.79 <sup>A</sup>	2.94 <sup>A</sup>	0.00 <sup>A</sup>	116	134
12/3/2006	112 <sup>A</sup>	2.94 <sup>A</sup>	2.76 <sup>A</sup>	2.88 <sup>A</sup>	0.00 <sup>A</sup>	112	130
12/4/2006	89 <sup>A</sup>	2.76 <sup>A</sup>	2.33 <sup>A</sup>	2.51 <sup>A</sup>	0.00 <sup>A</sup>	89	111
12/5/2006	76 <sup>A</sup>	2.33 <sup>A</sup>	2.23 <sup>A</sup>	2.29 <sup>A</sup>	0.00 <sup>A</sup>	76	106
12/6/2006	70 <sup>A</sup>	2.23 <sup>A</sup>	2.14 <sup>A</sup>	2.19 <sup>A</sup>	0.00 <sup>A</sup>	70	100
12/7/2006	67 <sup>A</sup>	2.14 <sup>A</sup>	2.10 <sup>A</sup>	2.13 <sup>A</sup>	0.00 <sup>A</sup>	67	98
12/8/2006	64 <sup>A</sup>	2.10 <sup>A</sup>	2.06 <sup>A</sup>	2.08 <sup>A</sup>	0.00 <sup>A</sup>	64	95
12/9/2006	62 <sup>A</sup>	2.30 <sup>A</sup>	2.00 <sup>A</sup>	2.05 <sup>A</sup>	0.00 <sup>A</sup>	62	93
12/10/2006	60 <sup>A</sup>	2.02 <sup>A</sup>	2.00 <sup>A</sup>	2.01 <sup>A</sup>	0.00 <sup>A</sup>	60	91
12/11/2006	60 <sup>A</sup>	2.03 <sup>A</sup>	2.00 <sup>A</sup>	2.01 <sup>A</sup>	0.00 <sup>A</sup>	60	91
12/12/2006	62 <sup>A</sup>	2.08 <sup>A</sup>	2.01 <sup>A</sup>	2.05 <sup>A</sup>	0.00 <sup>A</sup>	62	93
12/13/2006	65 <sup>A</sup>	2.11 <sup>A</sup>	2.08 <sup>A</sup>	2.09 <sup>A</sup>	0.01 <sup>A</sup>	65	97
12/14/2006	66 <sup>A</sup>	2.12 <sup>A</sup>	2.09 <sup>A</sup>	2.11 <sup>A</sup>	0.01 <sup>A</sup>	66	96
12/15/2006	64 <sup>A</sup>	2.10 <sup>A</sup>	2.06 <sup>A</sup>	2.08 <sup>A</sup>	0.00 <sup>A</sup>	64	90
12/16/2006	62 <sup>A</sup>	2.06 <sup>A</sup>	2.04 <sup>A</sup>	2.05 <sup>A</sup>	0.00 <sup>A</sup>	62	88
12/17/2006	65 <sup>A</sup>	2.36 <sup>A</sup>	2.03 <sup>A</sup>	2.10 <sup>A</sup>	0.00 <sup>A</sup>	65	91
12/18/2006	67 <sup>A</sup>	2.37 <sup>A</sup>	2.01 <sup>A</sup>	2.14 <sup>A</sup>	0.00 <sup>A</sup>	67	98
12/19/2006	60 <sup>A</sup>	2.02 <sup>A</sup>	2.00 <sup>A</sup>	2.01 <sup>A</sup>	0.00 <sup>A</sup>	60	94
12/20/2006	60 <sup>A</sup>	2.03 <sup>A</sup>	1.98 <sup>A</sup>	2.00 <sup>A</sup>	0.00 <sup>A</sup>	60	84
12/21/2006	58 <sup>A</sup>	1.98 <sup>A</sup>	1.95 <sup>A</sup>	1.96 <sup>A</sup>	0.00 <sup>A</sup>	58	82
12/22/2006	89 <sup>A</sup>	3.07 <sup>A</sup>	1.95 <sup>A</sup>	2.49 <sup>A</sup>	0.81 <sup>A</sup>	89	113
12/23/2006	135 <sup>A</sup>	3.23 <sup>A</sup>	3.07 <sup>A</sup>	3.19 <sup>A</sup>	0.00 <sup>A</sup>	135	143
12/24/2006	138 <sup>A</sup>	3.29 <sup>A</sup>	3.10 <sup>A</sup>	3.23 <sup>A</sup>	0.04 <sup>A</sup>	138	143
12/25/2006	193 <sup>A</sup>	4.95 <sup>A</sup>	3.10 <sup>A</sup>	3.79 <sup>A</sup>	1.26 <sup>A</sup>	193	198
12/26/2006	364 <sup>A</sup>	5.30 <sup>A</sup>	4.95 <sup>A</sup>	5.13 <sup>A</sup>	0.01 <sup>A</sup>	364	369
12/27/2006	300 <sup>A</sup>	4.96 <sup>A</sup>	4.29 <sup>A</sup>	4.73 <sup>A</sup>	0.00 <sup>A</sup>	300	317
12/28/2006	192 <sup>A</sup>	4.41 <sup>A</sup>	3.45 <sup>A</sup>	3.86 <sup>A</sup>	0.00 <sup>A</sup>	192	226
12/29/2006	138 <sup>A</sup>	3.45 <sup>A</sup>	3.07 <sup>A</sup>	3.24 <sup>A</sup>	0.00 <sup>A</sup>	138	146
12/30/2006	120 <sup>A</sup>	3.07 <sup>A</sup>	2.94 <sup>A</sup>	2.99 <sup>A</sup>	0.14 <sup>A</sup>	120	125
12/31/2006	119 <sup>A</sup>	3.06 <sup>A</sup>	2.94 <sup>A</sup>	2.98 <sup>A</sup>	0.26 <sup>A</sup>	119	124
1/1/2007	165 <sup>A</sup>	4.24 <sup>A</sup>	3.06 <sup>A</sup>	3.55 <sup>A</sup>	0.24 <sup>A</sup>	165	208
1/2/2007	344 <sup>A</sup>	5.84 <sup>A</sup>	4.24 <sup>A</sup>	4.99 <sup>A</sup>	0.00 <sup>A</sup>	344	388
1/3/2007	593 <sup>A</sup>	6.51 <sup>A</sup>	5.84 <sup>A</sup>	6.32 <sup>A</sup>	0.00 <sup>A</sup>	593	655
1/4/2007	358 <sup>A</sup>	6.08 <sup>A</sup>	4.28 <sup>A</sup>	5.06 <sup>A</sup>	0.00 <sup>A</sup>	358	419
1/5/2007	217 <sup>A</sup>	4.44 <sup>A</sup>	3.80 <sup>A</sup>	4.11 <sup>A</sup>	0.47 <sup>A</sup>	217	247



Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
1/6/2007	207 <sup>A</sup>	4.26 <sup>A</sup>	3.72 <sup>A</sup>	4.01 <sup>A</sup>	0.00 <sup>A</sup>	207	265
1/7/2007	223 <sup>A</sup>	4.50 <sup>A</sup>	3.76 <sup>A</sup>	4.16 <sup>A</sup>	1.05 <sup>A</sup>	223	281
1/8/2007	403 <sup>A</sup>	6.21 <sup>A</sup>	4.50 <sup>A</sup>	5.32 <sup>A</sup>	0.29 <sup>A</sup>	403	461
1/9/2007	616 <sup>A</sup>	6.58 <sup>A</sup>	6.21 <sup>A</sup>	6.42 <sup>A</sup>	0.00 <sup>A</sup>	616	674
1/10/2007	650 <sup>A</sup>	6.75 <sup>A</sup>	6.04 <sup>A</sup>	6.57 <sup>A</sup>	0.00 <sup>A</sup>	650	701
1/11/2007	389 <sup>A</sup>	6.04 <sup>A</sup>	4.81 <sup>A</sup>	5.26 <sup>A</sup>	0.00 <sup>A</sup>	389	423
1/12/2007	265 <sup>A</sup>	4.81 <sup>A</sup>	4.30 <sup>A</sup>	4.49 <sup>A</sup>	0.00 <sup>A</sup>	265	275
1/13/2007	219 <sup>A</sup>	4.30 <sup>A</sup>	3.99 <sup>A</sup>	4.13 <sup>A</sup>	0.00 <sup>A</sup>	219	224
1/14/2007	192 <sup>A</sup>	3.99 <sup>A</sup>	3.78 <sup>A</sup>	3.88 <sup>A</sup>	0.00 <sup>A</sup>	192	197
1/15/2007	176 <sup>A</sup>	3.78 <sup>A</sup>	3.64 <sup>A</sup>	3.71 <sup>A</sup>	0.00 <sup>A</sup>	176	181
1/16/2007	167 <sup>A</sup>	3.64 <sup>A</sup>	3.54 <sup>A</sup>	3.60 <sup>A</sup>	0.07 <sup>A</sup>	167	172
1/17/2007	156 <sup>A</sup>	3.54 <sup>A</sup>	3.40 <sup>A</sup>	3.47 <sup>A</sup>	0.00 <sup>A</sup>	156	161
1/18/2007	148 <sup>A</sup>	3.40 <sup>A</sup>	3.35 <sup>A</sup>	3.37 <sup>A</sup>	0.15 <sup>A</sup>	148	153
1/19/2007	147 <sup>A</sup>	3.38 <sup>A</sup>	3.33 <sup>A</sup>	3.35 <sup>A</sup>	0.02 <sup>A</sup>	147	152
1/20/2007	144 <sup>A</sup>	3.34 <sup>A</sup>	3.28 <sup>A</sup>	3.32 <sup>A</sup>	0.00 <sup>A</sup>	144	149
1/21/2007	139 <sup>A</sup>	3.41 <sup>A</sup>	3.20 <sup>A</sup>	3.25 <sup>A</sup>	0.72 <sup>A</sup>	139	144
1/22/2007	226 <sup>A</sup>	4.67 <sup>A</sup>	3.41 <sup>A</sup>	4.15 <sup>A</sup>	0.54 <sup>A</sup>	226	231
1/23/2007	335 <sup>A</sup>	5.30 <sup>A</sup>	4.67 <sup>A</sup>	4.95 <sup>A</sup>	0.00 <sup>A</sup>	335	344
1/24/2007	365 <sup>A</sup>	5.36 <sup>A</sup>	4.64 <sup>A</sup>	5.13 <sup>A</sup>	0.00 <sup>A</sup>	365	376
1/25/2007	225 <sup>A</sup>	4.64 <sup>A</sup>	3.80 <sup>A</sup>	4.16 <sup>A</sup>	0.00 <sup>A</sup>	225	257
1/26/2007	175 <sup>A</sup>	3.80 <sup>A</sup>	3.57 <sup>A</sup>	3.70 <sup>A</sup>	0.00 <sup>A</sup>	175	190
1/27/2007	171 <sup>A</sup>	3.75 <sup>A</sup>	3.57 <sup>A</sup>	3.65 <sup>A</sup>	0.00 <sup>A</sup>	171	178
1/28/2007	160 <sup>A</sup>	3.57 <sup>A</sup>	3.47 <sup>A</sup>	3.52 <sup>A</sup>	0.03 <sup>A</sup>	160	165
1/29/2007	151 <sup>A</sup>	3.47 <sup>A</sup>	3.36 <sup>A</sup>	3.41 <sup>A</sup>	0.00 <sup>A</sup>	151	156
1/30/2007	143 <sup>A</sup>	3.36 <sup>A</sup>	3.25 <sup>A</sup>	3.30 <sup>A</sup>	0.00 <sup>A</sup>	143	148
1/31/2007	136 <sup>A</sup>	3.26 <sup>A</sup>	3.16 <sup>A</sup>	3.21 <sup>A</sup>	0.00 <sup>A</sup>	136	141
2/1/2007	161 <sup>A</sup>	4.13 <sup>A</sup>	3.16 <sup>A</sup>	3.51 <sup>A</sup>	0.90 <sup>A</sup>	161	166
2/2/2007	256 <sup>A</sup>	4.79 <sup>A</sup>	4.13 <sup>A</sup>	4.42 <sup>A</sup>	0.01 <sup>A</sup>	256	261
2/3/2007	369 <sup>A</sup>	5.32 <sup>A</sup>	4.79 <sup>A</sup>	5.16 <sup>A</sup>	0.00 <sup>A</sup>	369	374
2/4/2007	287 <sup>A</sup>	5.15 <sup>A</sup>	4.24 <sup>A</sup>	4.64 <sup>A</sup>	0.00 <sup>A</sup>	287	292
2/5/2007	206 <sup>A</sup>	4.24 <sup>A</sup>	3.80 <sup>A</sup>	4.01 <sup>A</sup>	0.00 <sup>A</sup>	206	215
2/6/2007	173 <sup>A</sup>	3.80 <sup>A</sup>	3.57 <sup>A</sup>	3.68 <sup>A</sup>	0.00 <sup>A</sup>	173	184
2/7/2007	149 <sup>A</sup>	3.57 <sup>A</sup>	3.19 <sup>A</sup>	3.37 <sup>A</sup>	0.00 <sup>A</sup>	149	180
2/8/2007	132 <sup>A</sup>	3.19 <sup>A</sup>	3.11 <sup>A</sup>	3.16 <sup>A</sup>	0.00 <sup>A</sup>	132	163
2/9/2007	125 <sup>A</sup>	3.11 <sup>A</sup>	3.00 <sup>A</sup>	3.06 <sup>A</sup>	0.00 <sup>A</sup>	125	158
2/10/2007	119 <sup>A</sup>	3.00 <sup>A</sup>	2.95 <sup>A</sup>	2.97 <sup>A</sup>	0.00 <sup>A</sup>	119	152
2/11/2007	116 <sup>A</sup>	2.95 <sup>A</sup>	2.89 <sup>A</sup>	2.93 <sup>A</sup>	0.00 <sup>A</sup>	116	149
2/12/2007	109 <sup>A</sup>	2.89 <sup>A</sup>	2.75 <sup>A</sup>	2.83 <sup>A</sup>	0.00 <sup>A</sup>	109	138
2/13/2007	121 <sup>A</sup>	3.32 <sup>A</sup>	2.74 <sup>A</sup>	2.99 <sup>A</sup>	0.45 <sup>A</sup>	121	132
2/14/2007	153 <sup>A</sup>	3.52 <sup>A</sup>	3.32 <sup>A</sup>	3.43 <sup>A</sup>	0.00 <sup>A</sup>	153	164
2/15/2007	157 <sup>A</sup>	3.53 <sup>A</sup>	3.40 <sup>A</sup>	3.48 <sup>A</sup>	0.00 <sup>A</sup>	157	166
2/16/2007	143 <sup>A</sup>	3.45 <sup>A</sup>	3.22 <sup>A</sup>	3.30 <sup>A</sup>	0.00 <sup>A</sup>	143	152
2/17/2007	132 <sup>A</sup>	3.22 <sup>A</sup>	3.11 <sup>A</sup>	3.16 <sup>A</sup>	0.00 <sup>A</sup>	132	137
2/18/2007	126 <sup>A</sup>	3.11 <sup>A</sup>	3.04 <sup>A</sup>	3.08 <sup>A</sup>	0.00 <sup>A</sup>	126	131
2/19/2007	119 <sup>A</sup>	3.04 <sup>A</sup>	2.90 <sup>A</sup>	2.98 <sup>A</sup>	0.00 <sup>A</sup>	119	128
2/20/2007	112 <sup>A</sup>	2.90 <sup>A</sup>	2.87 <sup>A</sup>	2.88 <sup>A</sup>	0.03 <sup>A</sup>	112	123
2/21/2007	131 <sup>A</sup>	3.64 <sup>A</sup>	2.88 <sup>A</sup>	3.13 <sup>A</sup>	0.53 <sup>A</sup>	131	142
2/22/2007	186 <sup>A</sup>	4.04 <sup>A</sup>	3.64 <sup>A</sup>	3.81 <sup>A</sup>	0.00 <sup>A</sup>	186	197



Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
2/23/2007	224 <sup>A</sup>	4.28 <sup>A</sup>	3.96 <sup>A</sup>	4.18 <sup>A</sup>	0.00 <sup>A</sup>	224	232
2/24/2007	173 <sup>A</sup>	3.96 <sup>A</sup>	3.47 <sup>A</sup>	3.67 <sup>A</sup>	0.00 <sup>A</sup>	173	178
2/25/2007	158 <sup>A</sup>	3.60 <sup>A</sup>	3.42 <sup>A</sup>	3.49 <sup>A</sup>	0.46 <sup>A</sup>	158	163
2/26/2007	172 <sup>A</sup>	3.80 <sup>A</sup>	3.60 <sup>A</sup>	3.66 <sup>A</sup>	0.00 <sup>A</sup>	172	181
2/27/2007	192 <sup>A</sup>	4.00 <sup>A</sup>	3.69 <sup>A</sup>	3.87 <sup>A</sup>	0.00 <sup>A</sup>	192	203
2/28/2007	162 <sup>A</sup>	3.69 <sup>A</sup>	3.44 <sup>A</sup>	3.55 <sup>A</sup>	0.01 <sup>A</sup>	162	173
3/1/2007	204 <sup>A</sup>	6.60 <sup>A</sup>	3.39 <sup>A</sup>	3.85 <sup>A</sup>	4.10 <sup>A</sup>	204	210
3/2/2007	1,230 <sup>A</sup>	8.93 <sup>A</sup>	6.60 <sup>A</sup>	8.32 <sup>A</sup>	0.00 <sup>A</sup>	1,230	1236
3/3/2007	1,100 <sup>A</sup>	8.72 <sup>A</sup>	7.84 <sup>A</sup>	8.12 <sup>A</sup>	0.00 <sup>A</sup>	1,100	1106
3/4/2007	885 <sup>A</sup>	7.88 <sup>A</sup>	6.69 <sup>A</sup>	7.48 <sup>A</sup>	0.00 <sup>A</sup>	885	891
3/5/2007	491 <sup>A</sup>	6.69 <sup>A</sup>	5.15 <sup>A</sup>	5.81 <sup>A</sup>	0.00 <sup>A</sup>	491	497
3/6/2007	308 <sup>A</sup>	5.15 <sup>A</sup>	4.48 <sup>A</sup>	4.78 <sup>A</sup>	0.00 <sup>A</sup>	308	314
3/7/2007	239 <sup>A</sup>	4.48 <sup>A</sup>	4.14 <sup>A</sup>	4.30 <sup>A</sup>	0.00 <sup>A</sup>	239	245
3/8/2007	198 <sup>A</sup>	4.14 <sup>A</sup>	3.71 <sup>A</sup>	3.93 <sup>A</sup>	0.00 <sup>A</sup>	198	205
3/9/2007	187 <sup>A</sup>	3.90 <sup>A</sup>	3.75 <sup>A</sup>	3.83 <sup>A</sup>	0.00 <sup>A</sup>	187	193
3/10/2007	176 <sup>A</sup>	3.75 <sup>A</sup>	3.67 <sup>A</sup>	3.71 <sup>A</sup>	0.10 <sup>A</sup>	176	182
3/11/2007	170 <sup>A</sup>	3.67 <sup>A</sup>	3.60 <sup>A</sup>	3.64 <sup>A</sup>	0.00 <sup>A</sup>	170	176
3/12/2007	164 <sup>A</sup>	3.60 <sup>A</sup>	3.51 <sup>A</sup>	3.56 <sup>A</sup>	0.00 <sup>A</sup>	164	170
3/13/2007	154 <sup>A</sup>	3.51 <sup>A</sup>	3.37 <sup>A</sup>	3.44 <sup>A</sup>	0.00 <sup>A</sup>	154	161
3/14/2007	146 <sup>A</sup>	3.37 <sup>A</sup>	3.31 <sup>A</sup>	3.35 <sup>A</sup>	0.00 <sup>A</sup>	146	154
3/15/2007	144 <sup>A</sup>	3.34 <sup>A</sup>	3.30 <sup>A</sup>	3.32 <sup>A</sup>	0.14 <sup>A</sup>	144	152
3/16/2007	154 <sup>A</sup>	3.50 <sup>A</sup>	3.34 <sup>A</sup>	3.45 <sup>A</sup>	0.11 <sup>A</sup>	154	162
3/17/2007	165 <sup>A</sup>	3.72 <sup>A</sup>	3.48 <sup>A</sup>	3.58 <sup>A</sup>	0.00 <sup>A</sup>	165	173
3/18/2007	166 <sup>A</sup>	3.72 <sup>A</sup>	3.40 <sup>A</sup>	3.59 <sup>A</sup>	0.00 <sup>A</sup>	166	174
3/19/2007	130 <sup>A</sup>	3.40 <sup>A</sup>	2.92 <sup>A</sup>	3.13 <sup>A</sup>	0.00 <sup>A</sup>	130	168
3/20/2007	114 <sup>A</sup>	3.11 <sup>A</sup>	2.84 <sup>A</sup>	2.90 <sup>A</sup>	0.00 <sup>A</sup>	114	145
3/21/2007	96 <sup>A</sup>	2.85 <sup>A</sup>	2.45 <sup>A</sup>	2.63 <sup>A</sup>	0.00 <sup>A</sup>	96	152
3/22/2007	83 <sup>A</sup>	2.45 <sup>A</sup>	2.38 <sup>A</sup>	2.42 <sup>A</sup>	0.00 <sup>A</sup>	83	128
3/23/2007	81 <sup>A</sup>	2.39 <sup>A</sup>	2.37 <sup>A</sup>	2.38 <sup>A</sup>	0.00 <sup>A</sup>	81	132
3/24/2007	82 <sup>A</sup>	2.43 <sup>A</sup>	2.37 <sup>A</sup>	2.40 <sup>A</sup>	0.00 <sup>A</sup>	82	133
3/25/2007	82 <sup>A</sup>	2.42 <sup>A</sup>	2.34 <sup>A</sup>	2.40 <sup>A</sup>	0.00 <sup>A</sup>	82	133
3/26/2007	76 <sup>A</sup>	2.34 <sup>A</sup>	2.24 <sup>A</sup>	2.29 <sup>A</sup>	0.00 <sup>A</sup>	76	126
3/27/2007	72 <sup>A</sup>	2.24 <sup>A</sup>	2.20 <sup>A</sup>	2.23 <sup>A</sup>	0.00 <sup>A</sup>	72	125
3/28/2007	70 <sup>A</sup>	2.20 <sup>A</sup>	2.16 <sup>A</sup>	2.18 <sup>A</sup>	0.00 <sup>A</sup>	70	118
3/29/2007	85 <sup>A</sup>	2.78 <sup>A</sup>	2.13 <sup>A</sup>	2.44 <sup>A</sup>	0.00 <sup>A</sup>	85	95
3/30/2007	102 <sup>A</sup>	2.77 <sup>A</sup>	2.69 <sup>A</sup>	2.72 <sup>A</sup>	0.00 <sup>A</sup>	102	110
3/31/2007	100 <sup>A</sup>	2.72 <sup>A</sup>	2.68 <sup>A</sup>	2.69 <sup>A</sup>	0.00 <sup>A</sup>	100	108
4/1/2007	101 <sup>A</sup>	2.77 <sup>A</sup>	2.68 <sup>A</sup>	2.71 <sup>A</sup>	0.12 <sup>A</sup>	101	110
4/2/2007	109 <sup>A</sup>	2.87 <sup>A</sup>	2.77 <sup>A</sup>	2.83 <sup>A</sup>	0.00 <sup>A</sup>	109	118
4/3/2007	109 <sup>A</sup>	2.85 <sup>A</sup>	2.80 <sup>A</sup>	2.83 <sup>A</sup>	0.00 <sup>A</sup>	109	118
4/4/2007	108 <sup>A</sup>	2.83 <sup>A</sup>	2.79 <sup>A</sup>	2.82 <sup>A</sup>	0.16 <sup>A</sup>	108	117
4/5/2007	108 <sup>A</sup>	2.84 <sup>A</sup>	2.77 <sup>A</sup>	2.81 <sup>A</sup>	0.00 <sup>A</sup>	108	117
4/6/2007	101 <sup>A</sup>	2.77 <sup>A</sup>	2.63 <sup>A</sup>	2.71 <sup>A</sup>	0.00 <sup>A</sup>	101	110
4/7/2007	93 <sup>A</sup>	2.63 <sup>A</sup>	2.52 <sup>A</sup>	2.58 <sup>A</sup>	0.00 <sup>A</sup>	93	102
4/8/2007	88 <sup>A</sup>	2.52 <sup>A</sup>	2.47 <sup>A</sup>	2.50 <sup>A</sup>	0.00 <sup>A</sup>	88	97
4/9/2007	86 <sup>A</sup>	2.48 <sup>A</sup>	2.46 <sup>A</sup>	2.47 <sup>A</sup>	0.00 <sup>A</sup>	86	95
4/10/2007	87 <sup>A</sup>	2.50 <sup>A</sup>	2.46 <sup>A</sup>	2.49 <sup>A</sup>	0.00 <sup>A</sup>	87	97
4/11/2007	86 <sup>A</sup>	2.50 <sup>A</sup>	2.43 <sup>A</sup>	2.47 <sup>A</sup>	0.10 <sup>A</sup>	86	95

Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
4/12/2007	93 <sup>A</sup>	2.61 <sup>A</sup>	2.50 <sup>A</sup>	2.58 <sup>A</sup>	0.00 <sup>A</sup>	93	103
4/13/2007	95 <sup>A</sup>	2.62 <sup>A</sup>	2.59 <sup>A</sup>	2.60 <sup>A</sup>	0.00 <sup>A</sup>	95	105
4/14/2007	93 <sup>A</sup>	2.71 <sup>A</sup>	2.49 <sup>A</sup>	2.58 <sup>A</sup>	0.48 <sup>A</sup>	93	102
4/15/2007	147 <sup>A</sup>	3.62 <sup>A</sup>	2.71 <sup>A</sup>	3.34 <sup>A</sup>	0.85 <sup>A</sup>	147	156
4/16/2007	165 <sup>A</sup>	3.95 <sup>A</sup>	3.40 <sup>A</sup>	3.57 <sup>A</sup>	0.00 <sup>A</sup>	165	175
4/17/2007	187 <sup>A</sup>	4.03 <sup>A</sup>	3.43 <sup>A</sup>	3.82 <sup>A</sup>	0.00 <sup>A</sup>	187	197
4/18/2007	130 <sup>A</sup>	3.43 <sup>A</sup>	2.92 <sup>A</sup>	3.13 <sup>A</sup>	0.00 <sup>A</sup>	130	140
4/19/2007	108 <sup>A</sup>	2.92 <sup>A</sup>	2.71 <sup>A</sup>	2.82 <sup>A</sup>	0.00 <sup>A</sup>	108	118
4/20/2007	97 <sup>A</sup>	2.71 <sup>A</sup>	2.59 <sup>A</sup>	2.64 <sup>A</sup>	0.00 <sup>A</sup>	97	106
4/21/2007	90 <sup>A</sup>	2.60 <sup>A</sup>	2.49 <sup>A</sup>	2.53 <sup>A</sup>	0.00 <sup>A</sup>	90	101
4/22/2007	86 <sup>A</sup>	2.50 <sup>A</sup>	2.42 <sup>A</sup>	2.45 <sup>A</sup>	0.00 <sup>A</sup>	86	97
4/23/2007	83 <sup>A</sup>	2.44 <sup>A</sup>	2.39 <sup>A</sup>	2.41 <sup>A</sup>	0.00 <sup>A</sup>	83	94
4/24/2007	78 <sup>A</sup>	2.41 <sup>A</sup>	2.25 <sup>A</sup>	2.32 <sup>A</sup>	0.06 <sup>A</sup>	78	89
4/25/2007	73 <sup>A</sup>	2.28 <sup>A</sup>	2.21 <sup>A</sup>	2.24 <sup>A</sup>	0.00 <sup>A</sup>	73	84
4/26/2007	71 <sup>A</sup>	2.24 <sup>A</sup>	2.18 <sup>A</sup>	2.21 <sup>A</sup>	0.04 <sup>A</sup>	71	81
4/27/2007	72 <sup>A</sup>	2.24 <sup>A</sup>	2.20 <sup>A</sup>	2.21 <sup>A</sup>	0.00 <sup>A</sup>	72	83
4/28/2007	74 <sup>A</sup>	2.29 <sup>A</sup>	2.21 <sup>A</sup>	2.26 <sup>A</sup>	0.00 <sup>A</sup>	74	85
4/29/2007	71 <sup>A</sup>	2.28 <sup>A</sup>	2.12 <sup>A</sup>	2.20 <sup>A</sup>	0.00 <sup>A</sup>	71	83
4/30/2007	64 <sup>A</sup>	2.13 <sup>A</sup>	2.04 <sup>A</sup>	2.08 <sup>A</sup>	0.00 <sup>A</sup>	64	76
5/1/2007	60 <sup>A</sup>	2.04 <sup>A</sup>	1.97 <sup>A</sup>	2.00 <sup>A</sup>	0.00 <sup>A</sup>	60	74
5/2/2007	57 <sup>A</sup>	1.98 <sup>A</sup>	1.91 <sup>A</sup>	1.95 <sup>A</sup>	0.00 <sup>A</sup>	57	71
5/3/2007	54 <sup>A</sup>	1.94 <sup>A</sup>	1.87 <sup>A</sup>	1.90 <sup>A</sup>	0.00 <sup>A</sup>	54	68
5/4/2007	52 <sup>A</sup>	1.90 <sup>A</sup>	1.84 <sup>A</sup>	1.86 <sup>A</sup>	0.00 <sup>A</sup>	52	66
5/5/2007	85 <sup>A</sup>	3.46 <sup>A</sup>	1.84 <sup>A</sup>	2.40 <sup>A</sup>	0.40 <sup>A</sup>	85	99
5/6/2007	135 <sup>A</sup>	3.46 <sup>A</sup>	3.05 <sup>A</sup>	3.19 <sup>A</sup>	0.00 <sup>A</sup>	135	149
5/7/2007	92 <sup>A</sup>	3.13 <sup>A</sup>	1.95 <sup>A</sup>	2.53 <sup>A</sup>	0.00 <sup>A</sup>	92	136
5/8/2007	62 <sup>A</sup>	2.39 <sup>A</sup>	1.81 <sup>A</sup>	2.05 <sup>A</sup>	0.00 <sup>A</sup>	62	73
5/9/2007	51 <sup>A</sup>	1.98 <sup>A</sup>	1.76 <sup>A</sup>	1.84 <sup>A</sup>	0.00 <sup>A</sup>	51	81
5/10/2007	45 <sup>A</sup>	1.76 <sup>A</sup>	1.70 <sup>A</sup>	1.72 <sup>A</sup>	0.00 <sup>A</sup>	45	74
5/11/2007	44 <sup>A</sup>	1.70 <sup>A</sup>	1.69 <sup>A</sup>	1.70 <sup>A</sup>	0.00 <sup>A</sup>	44	74
5/12/2007	54 <sup>A</sup>	2.12 <sup>A</sup>	1.69 <sup>A</sup>	1.89 <sup>A</sup>	0.46 <sup>A</sup>	54	82
5/13/2007	95 <sup>A</sup>	2.86 <sup>A</sup>	2.12 <sup>A</sup>	2.60 <sup>A</sup>	0.00 <sup>A</sup>	95	102
5/14/2007	82 <sup>A</sup>	2.75 <sup>A</sup>	2.04 <sup>A</sup>	2.38 <sup>A</sup>	0.00 <sup>A</sup>	82	91
5/15/2007	50 <sup>A</sup>	2.09 <sup>A</sup>	1.70 <sup>A</sup>	1.81 <sup>A</sup>	0.00 <sup>A</sup>	50	84
5/16/2007	50 <sup>A</sup>	1.99 <sup>A</sup>	1.69 <sup>A</sup>	1.81 <sup>A</sup>	0.00 <sup>A</sup>	50	82
5/17/2007	48 <sup>A</sup>	1.96 <sup>A</sup>	1.68 <sup>A</sup>	1.77 <sup>A</sup>	0.00 <sup>A</sup>	48	68
5/18/2007	48 <sup>A</sup>	1.82 <sup>A</sup>	1.72 <sup>A</sup>	1.78 <sup>A</sup>	0.00 <sup>A</sup>	48	68
5/19/2007	50 <sup>A e</sup>				0.00 <sup>A</sup>	50	64
5/20/2007	47 <sup>A e</sup>				0.00 <sup>A</sup>	47	61
5/21/2007	47 <sup>A e</sup>				0.00 <sup>A</sup>	47	61
5/22/2007	47 <sup>A e</sup>				0.00 <sup>A</sup>	47	61
5/23/2007	46 <sup>A e</sup>				0.00 <sup>A</sup>	46	60
5/24/2007	46 <sup>A e</sup>				0.00 <sup>A</sup>	46	60
5/25/2007	44 <sup>A e</sup>				0.01 <sup>A</sup>	44	56
5/26/2007	41 <sup>A</sup>	1.64 <sup>A</sup>	1.62 <sup>A</sup>	1.62 <sup>A</sup>	0.00 <sup>A</sup>	41	48
5/27/2007	39 <sup>A</sup>	1.62 <sup>A</sup>	1.55 <sup>A</sup>	1.60 <sup>A</sup>	0.00 <sup>A</sup>	39	49
5/28/2007	38 <sup>A</sup>	1.58 <sup>A</sup>	1.55 <sup>A</sup>	1.56 <sup>A</sup>	0.00 <sup>A</sup>	38	45
5/29/2007	35 <sup>A</sup>	1.55 <sup>A</sup>	1.47 <sup>A</sup>	1.51 <sup>A</sup>	0.00 <sup>A</sup>	35	44

Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
5/30/2007	33 <sup>A</sup>	1.47 <sup>A</sup>	1.45 <sup>A</sup>	1.45 <sup>A</sup>	0.00 <sup>A</sup>	33	43
5/31/2007	32 <sup>A</sup>	1.45 <sup>A</sup>	1.42 <sup>A</sup>	1.43 <sup>A</sup>	0.00 <sup>A</sup>	32	42
6/1/2007	31 <sup>A</sup>	1.42 <sup>A</sup>	1.39 <sup>A</sup>	1.41 <sup>A</sup>	0.00 <sup>A</sup>	31	40
6/2/2007	30 <sup>A</sup>	1.42 <sup>A</sup>	1.39 <sup>A</sup>	1.40 <sup>A</sup>	0.23 <sup>A</sup>	30	39
6/3/2007	34 <sup>A</sup>	1.53 <sup>A</sup>	1.42 <sup>A</sup>	1.49 <sup>A</sup>	0.10 <sup>A</sup>	34	43
6/4/2007	35 <sup>A</sup>			1.54 <sup>A</sup>	0.00 <sup>A</sup>	35	44
6/5/2007	32 <sup>A</sup>	1.47 <sup>A</sup>	1.39 <sup>A</sup>	1.43 <sup>A</sup>	0.00 <sup>A</sup>	32	41
6/6/2007	30 <sup>A</sup>	1.39 <sup>A</sup>	1.37 <sup>A</sup>	1.38 <sup>A</sup>	0.00 <sup>A</sup>	30	39
6/7/2007	28 <sup>A</sup>	1.39 <sup>A</sup>	1.29 <sup>A</sup>	1.34 <sup>A</sup>	0.00 <sup>A</sup>	28	37
6/8/2007	25 <sup>A</sup>	1.33 <sup>A</sup>	1.22 <sup>A</sup>	1.28 <sup>A</sup>	0.02 <sup>A</sup>	25	34
6/9/2007	23 <sup>A</sup>	1.30 <sup>A</sup>	1.22 <sup>A</sup>	1.24 <sup>A</sup>	0.00 <sup>A</sup>	23	32
6/10/2007	30 <sup>A</sup>	1.44 <sup>A</sup>	1.30 <sup>A</sup>	1.38 <sup>A</sup>	0.00 <sup>A</sup>	30	39
6/11/2007	29 <sup>A</sup>	1.44 <sup>A</sup>	1.28 <sup>A</sup>	1.36 <sup>A</sup>	0.00 <sup>A</sup>	29	38
6/12/2007	25 <sup>A</sup>	1.37 <sup>A</sup>	1.17 <sup>A</sup>	1.27 <sup>A</sup>	0.24 <sup>A</sup>	25	36
6/13/2007	33 <sup>A</sup>	1.72 <sup>A</sup>	1.33 <sup>A</sup>	1.46 <sup>A</sup>	1.00 <sup>A</sup>	33	44
6/14/2007	33 <sup>A</sup>	1.66 <sup>A</sup>	1.34 <sup>A</sup>	1.45 <sup>A</sup>	0.00 <sup>A</sup>	33	46
6/15/2007	30 <sup>A</sup>	1.52 <sup>A</sup>	1.37 <sup>A</sup>	1.40 <sup>A</sup>	0.28 <sup>A</sup>	30	43
6/16/2007	43 <sup>A</sup>	1.89 <sup>A</sup>	1.52 <sup>A</sup>	1.68 <sup>A</sup>	0.00 <sup>A</sup>	43	56
6/17/2007	59 <sup>A</sup>	2.24 <sup>A</sup>	1.73 <sup>A</sup>	1.99 <sup>A</sup>	0.00 <sup>A</sup>	59	90
6/18/2007	40 <sup>A</sup>	1.75 <sup>A</sup>	1.42 <sup>A</sup>	1.62 <sup>A</sup>	0.00 <sup>A</sup>	40	59
6/19/2007	41 <sup>A</sup>	1.71 <sup>A</sup>	1.55 <sup>A</sup>	1.62 <sup>A</sup>	0.05 <sup>A</sup>	41	52
6/20/2007	34 <sup>A</sup>	1.61 <sup>A</sup>	1.39 <sup>A</sup>	1.47 <sup>A</sup>	0.00 <sup>A</sup>	34	45
6/21/2007	30 <sup>A</sup>	1.48 <sup>A</sup>	1.34 <sup>A</sup>	1.39 <sup>A</sup>	0.00 <sup>A</sup>	30	43
6/22/2007	26 <sup>A</sup>	1.40 <sup>A</sup>	1.21 <sup>A</sup>	1.30 <sup>A</sup>	0.00 <sup>A</sup>	26	39
6/23/2007	22 <sup>A</sup>	1.24 <sup>A</sup>	1.15 <sup>A</sup>	1.21 <sup>A</sup>	0.00 <sup>A</sup>	22	35
6/24/2007	19 <sup>A</sup>	1.15 <sup>A</sup>	1.09 <sup>A</sup>	1.13 <sup>A</sup>	0.00 <sup>A</sup>	19	32
6/25/2007	23 <sup>A</sup>	1.49 <sup>A</sup>	1.09 <sup>A</sup>	1.23 <sup>A</sup>	1.02 <sup>A</sup>	23	36
6/26/2007	28 <sup>A</sup>			1.28 <sup>A</sup>	0.00 <sup>A</sup>	28	41
6/27/2007	22 <sup>A</sup>	1.44 <sup>A</sup>	1.12 <sup>A</sup>	1.19 <sup>A</sup>	0.00 <sup>A</sup>	22	35
6/28/2007	26 <sup>A</sup>	1.44 <sup>A</sup>	1.16 <sup>A</sup>	1.30 <sup>A</sup>	0.00 <sup>A</sup>	26	39
6/29/2007	21 <sup>A</sup>	1.21 <sup>A</sup>	1.07 <sup>A</sup>	1.17 <sup>A</sup>	0.01 <sup>A</sup>	21	34
6/30/2007	15 <sup>A</sup>	1.07 <sup>A</sup>	1.03 <sup>A</sup>	1.05 <sup>A</sup>	0.00 <sup>A</sup>	15	28
7/1/2007	20 <sup>A</sup>	1.54 <sup>A</sup>	1.03 <sup>A</sup>	1.17 <sup>A</sup>	1.13 <sup>A</sup>	20	33
7/2/2007	49 <sup>A</sup>	2.00 <sup>A</sup>	1.46 <sup>A</sup>	1.78 <sup>A</sup>	0.00 <sup>A</sup>	49	82
7/3/2007	67 <sup>A</sup>	2.74 <sup>A</sup>	1.62 <sup>A</sup>	2.11 <sup>A</sup>	0.01 <sup>A</sup>	67	86
7/4/2007	76 <sup>A</sup>	2.73 <sup>A</sup>	1.80 <sup>A</sup>	2.28 <sup>A</sup>	0.00 <sup>A</sup>	76	108
7/5/2007	44 <sup>A</sup>	1.85 <sup>A</sup>	1.50 <sup>A</sup>	1.69 <sup>A</sup>	0.00 <sup>A</sup>	44	64
7/6/2007	42 <sup>A</sup>	1.81 <sup>A</sup>	1.57 <sup>A</sup>	1.66 <sup>A</sup>	0.00 <sup>A</sup>	42	55
7/7/2007	36 <sup>A</sup>	1.69 <sup>A</sup>	1.44 <sup>A</sup>	1.53 <sup>A</sup>	0.00 <sup>A</sup>	36	49
7/8/2007	41 <sup>A</sup>	1.69 <sup>A</sup>	1.57 <sup>A</sup>	1.63 <sup>A</sup>	0.05 <sup>A</sup>	41	54
7/9/2007	33 <sup>A</sup>	1.57 <sup>A</sup>	1.40 <sup>A</sup>	1.46 <sup>A</sup>	0.40 <sup>A</sup>	33	46
7/10/2007	34 <sup>A</sup>	1.50 <sup>A</sup>	1.44 <sup>A</sup>	1.48 <sup>A</sup>	0.02 <sup>A</sup>	34	47
7/11/2007	32 <sup>A</sup>	1.54 <sup>A</sup>	1.39 <sup>A</sup>	1.44 <sup>A</sup>	0.62 <sup>A</sup>	32	45
7/12/2007	41 <sup>A</sup>	1.98 <sup>A</sup>	1.39 <sup>A</sup>	1.63 <sup>A</sup>	0.00 <sup>A</sup>	41	70
7/13/2007	56 <sup>A</sup>	2.10 <sup>A</sup>	1.55 <sup>A</sup>	1.92 <sup>A</sup>	0.00 <sup>A</sup>	56	69
7/14/2007	41 <sup>A</sup>	1.78 <sup>A</sup>	1.47 <sup>A</sup>	1.64 <sup>A</sup>	0.17 <sup>A</sup>	41	54
7/15/2007	38 <sup>A</sup>	1.60 <sup>A</sup>	1.53 <sup>A</sup>	1.56 <sup>A</sup>	0.10 <sup>A</sup>	38	71
7/16/2007	36 <sup>A</sup>	1.54 <sup>A</sup>	1.49 <sup>A</sup>	1.53 <sup>A</sup>	0.00 <sup>A</sup>	36	49

Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
7/17/2007	33 <sup>A</sup>	1.49 <sup>A</sup>	1.41 <sup>A</sup>	1.45 <sup>A</sup>	0.01 <sup>A</sup>	33	46
7/18/2007	30 <sup>A</sup>	1.41 <sup>A</sup>	1.35 <sup>A</sup>	1.38 <sup>A</sup>	0.00 <sup>A</sup>	30	43
7/19/2007	33 <sup>A</sup>	1.55 <sup>A</sup>	1.33 <sup>A</sup>	1.44 <sup>A</sup>	0.18 <sup>A</sup>	33	46
7/20/2007	38 <sup>A</sup>	1.64 <sup>A</sup>	1.51 <sup>A</sup>	1.57 <sup>A</sup>	0.06 <sup>A</sup>	38	49
7/21/2007	36 <sup>A</sup>	1.64 <sup>A</sup>	1.45 <sup>A</sup>	1.53 <sup>A</sup>	0.00 <sup>A</sup>	36	45
7/22/2007	30 <sup>A</sup>	1.45 <sup>A</sup>	1.32 <sup>A</sup>	1.37 <sup>A</sup>	0.00 <sup>A</sup>	30	39
7/23/2007	48 <sup>A</sup>	2.00 <sup>A</sup>	1.40 <sup>A</sup>	1.76 <sup>A</sup>	0.00 <sup>A</sup>	48	59
7/24/2007	55 <sup>A</sup>	2.22 <sup>A</sup>	1.68 <sup>A</sup>	1.90 <sup>A</sup>	0.00 <sup>A</sup>	55	89
7/25/2007	43 <sup>A</sup>	1.80 <sup>A</sup>	1.52 <sup>A</sup>	1.68 <sup>A</sup>	0.11 <sup>A</sup>	43	56
7/26/2007	38 <sup>A</sup>	1.70 <sup>A</sup>	1.49 <sup>A</sup>	1.57 <sup>A</sup>	0.03 <sup>A</sup>	38	51
7/27/2007	52 <sup>A</sup>	2.43 <sup>A</sup>	1.46 <sup>A</sup>	1.82 <sup>A</sup>	0.20 <sup>A</sup>	52	80
7/28/2007	73 <sup>A</sup>	2.62 <sup>A</sup>	1.85 <sup>A</sup>	2.24 <sup>A</sup>	0.96 <sup>A</sup>	73	105
7/29/2007	54 <sup>A</sup>	2.04 <sup>A</sup>	1.83 <sup>A</sup>	1.90 <sup>A</sup>	0.13 <sup>A</sup>	54	86
7/30/2007	52 <sup>A</sup>	2.06 <sup>A</sup>	1.69 <sup>A</sup>	1.86 <sup>A</sup>	0.18 <sup>A</sup>	52	72
7/31/2007	52 <sup>A</sup>	2.05 <sup>A</sup>	1.55 <sup>A</sup>	1.85 <sup>A</sup>	0.00 <sup>A</sup>	52	67
8/1/2007	45 <sup>A</sup>	1.80 <sup>A</sup>	1.66 <sup>A</sup>	1.72 <sup>A</sup>	0.00 <sup>A</sup>	45	59
8/2/2007	40 <sup>A</sup>	1.74 <sup>A</sup>	1.51 <sup>A</sup>	1.61 <sup>A</sup>	0.00 <sup>A</sup>	40	54
8/3/2007	33 <sup>A</sup>	1.53 <sup>A</sup>	1.33 <sup>A</sup>	1.46 <sup>A</sup>	0.00 <sup>A</sup>	33	47
8/4/2007	37 <sup>A</sup>	1.84 <sup>A</sup>	1.30 <sup>A</sup>	1.53 <sup>A</sup>	0.00 <sup>A</sup>	37	51
8/5/2007	38 <sup>A</sup>	1.79 <sup>A</sup>	1.37 <sup>A</sup>	1.56 <sup>A</sup>	0.00 <sup>A</sup>	38	52
8/6/2007	25 <sup>A</sup>	1.37 <sup>A</sup>	1.18 <sup>A</sup>	1.27 <sup>A</sup>	0.00 <sup>A</sup>	25	39
8/7/2007	19 <sup>A</sup>	1.18 <sup>A</sup>	1.09 <sup>A</sup>	1.14 <sup>A</sup>	0.00 <sup>A</sup>	19	33
8/8/2007	17 <sup>A</sup>	1.10 <sup>A</sup>	1.07 <sup>A</sup>	1.09 <sup>A</sup>	0.00 <sup>A</sup>	17	27
8/9/2007	16 <sup>A</sup>	1.07 <sup>A</sup>	1.04 <sup>A</sup>	1.06 <sup>A</sup>	0.00 <sup>A</sup>	16	24
8/10/2007	15 <sup>A</sup>	1.04 <sup>A</sup>	1.02 <sup>A</sup>	1.03 <sup>A</sup>	0.00 <sup>A</sup>	15	25
8/11/2007	14 <sup>A</sup>	1.02 <sup>A</sup>	1.01 <sup>A</sup>	1.01 <sup>A</sup>	0.00 <sup>A</sup>	14	25
8/12/2007	14 <sup>A</sup>	1.01 <sup>A</sup>	1.00 <sup>A</sup>	1.00 <sup>A</sup>	0.00 <sup>A</sup>	14	25
8/13/2007	13 <sup>A</sup>	1.00 <sup>A</sup>	0.99 <sup>A</sup>	0.99 <sup>A</sup>	0.00 <sup>A</sup>	13	22
8/14/2007	11 <sup>A</sup>	0.99 <sup>A</sup>	0.82 <sup>A</sup>	0.92 <sup>A</sup>	0.00 <sup>A</sup>	11	19
8/15/2007	7.6 <sup>A</sup>	0.89 <sup>A</sup>	0.75 <sup>A</sup>	0.82 <sup>A</sup>	0.00 <sup>A</sup>	7.6	15
8/16/2007	6.4 <sup>A</sup>	0.84 <sup>A</sup>	0.71 <sup>A</sup>	0.78 <sup>A</sup>	0.00 <sup>A</sup>	6.4	14
8/17/2007	5.4 <sup>A</sup>	0.95 <sup>A</sup>	0.60 <sup>A</sup>	0.74 <sup>A</sup>	1.15 <sup>A</sup>	5.4	14
8/18/2007	18 <sup>A</sup>	1.52 <sup>A</sup>	0.73 <sup>A</sup>	1.08 <sup>A</sup>	0.00 <sup>A</sup>	18	32
8/19/2007	30 <sup>A</sup>	1.52 <sup>A</sup>	1.15 <sup>A</sup>	1.39 <sup>A</sup>	0.00 <sup>A</sup>	30	44
8/20/2007	14 <sup>A</sup>	1.15 <sup>A</sup>	0.85 <sup>A</sup>	1.01 <sup>A</sup>	0.01 <sup>A</sup>	14	28
8/21/2007	5.7 <sup>A</sup>	0.85 <sup>A</sup>	0.66 <sup>A</sup>	0.75 <sup>A</sup>	0.00 <sup>A</sup>	5.7	19
8/22/2007	4.0 <sup>A</sup>	0.78 <sup>A</sup>	0.55 <sup>A</sup>	0.68 <sup>A</sup>	0.00 <sup>A</sup>	4	16
8/23/2007	4.0 <sup>A</sup>	0.73 <sup>A</sup>	0.65 <sup>A</sup>	0.68 <sup>A</sup>	0.00 <sup>A</sup>	4	15
8/24/2007	3.4 <sup>A</sup>	0.73 <sup>A</sup>	0.62 <sup>A</sup>	0.66 <sup>A</sup>	0.01 <sup>A</sup>	3.4	14
8/25/2007	3.1 <sup>A</sup>	0.68 <sup>A</sup>	0.63 <sup>A</sup>	0.65 <sup>A</sup>	0.00 <sup>A</sup>	3.1	14
8/26/2007	28 <sup>A</sup>	2.12 <sup>A</sup>	0.63 <sup>A</sup>	1.25 <sup>A</sup>	0.40 <sup>A</sup>	28	40
8/27/2007	49 <sup>A</sup>	2.12 <sup>A</sup>	1.27 <sup>A</sup>	1.76 <sup>A</sup>	0.02 <sup>A</sup>	49	67
8/28/2007	57 <sup>A</sup>	2.29 <sup>A</sup>	1.60 <sup>A</sup>	1.91 <sup>A</sup>	0.63 <sup>A</sup>	57	104
8/29/2007	68 <sup>A</sup>	2.49 <sup>A</sup>	1.85 <sup>A</sup>	2.11 <sup>A</sup>	0.05 <sup>A</sup>	68	133
8/30/2007	131 <sup>A</sup>	3.38 <sup>A</sup>	2.49 <sup>A</sup>	3.08 <sup>A</sup>	0.21 <sup>A</sup>	131	197
8/31/2007	183 <sup>A</sup>	4.44 <sup>A</sup>	3.04 <sup>A</sup>	3.66 <sup>A</sup>	0.04 <sup>A</sup>	183	239
9/1/2007	144 <sup>A</sup>	4.14 <sup>A</sup>	2.38 <sup>A</sup>	3.21 <sup>A</sup>	0.01 <sup>A</sup>	144	199
9/2/2007	52 <sup>A</sup>	2.38 <sup>A</sup>	1.29 <sup>A</sup>	1.77 <sup>A</sup>	0.00 <sup>A</sup>	52	107

Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
9/3/2007	40 <sup>A</sup>	1.97 <sup>A</sup>	1.16 <sup>A</sup>	1.53 <sup>A</sup>	0.00 <sup>A</sup>	40	95
9/4/2007	37 <sup>A</sup>	1.64 <sup>A</sup>	1.27 <sup>A</sup>	1.47 <sup>A</sup>	0.00 <sup>A</sup>	37	56
9/5/2007	37 <sup>A</sup>	1.57 <sup>A</sup>	1.33 <sup>A</sup>	1.47 <sup>A</sup>	0.00 <sup>A</sup>	37	50
9/6/2007	30 <sup>A</sup>	1.33 <sup>A</sup>	1.28 <sup>A</sup>	1.31 <sup>A</sup>	0.00 <sup>A</sup>	30	43
9/7/2007	28 <sup>A</sup>	1.30 <sup>A</sup>	1.23 <sup>A</sup>	1.27 <sup>A</sup>	0.00 <sup>A</sup>	28	41
9/8/2007	23 <sup>A</sup>	1.24 <sup>A</sup>	1.12 <sup>A</sup>	1.16 <sup>A</sup>	0.00 <sup>A</sup>	23	36
9/9/2007	20 <sup>A</sup>	1.14 <sup>A</sup>	1.03 <sup>A</sup>	1.08 <sup>A</sup>	0.00 <sup>A</sup>	20	33
9/10/2007	17 <sup>A</sup>	1.08 <sup>A</sup>	0.95 <sup>A</sup>	1.00 <sup>A</sup>	0.00 <sup>A</sup>	17	30
9/11/2007	15 <sup>A</sup>	1.07 <sup>A</sup>	0.91 <sup>A</sup>	0.97 <sup>A</sup>	0.05 <sup>A</sup>	15	28
9/12/2007	13 <sup>A</sup>	0.95 <sup>A</sup>	0.86 <sup>A</sup>	0.91 <sup>A</sup>	0.01 <sup>A</sup>	13	26
9/13/2007	18 <sup>A</sup>	1.24 <sup>A</sup>	0.95 <sup>A</sup>	1.05 <sup>A</sup>	0.43 <sup>A</sup>	18	31
9/14/2007	37 <sup>A</sup>	1.76 <sup>A</sup>	1.13 <sup>A</sup>	1.47 <sup>A</sup>	0.91 <sup>A</sup>	37	50
9/15/2007	27 <sup>A</sup>	1.49 <sup>A</sup>	0.97 <sup>A</sup>	1.25 <sup>A</sup>	0.00 <sup>A</sup>	27	59
9/16/2007	47 <sup>A</sup>			1.74 <sup>A</sup>	0.00 <sup>A</sup>	47	60
9/17/2007	40 <sup>A</sup>	1.81 <sup>A</sup>	1.15 <sup>A</sup>	1.54 <sup>A</sup>	0.00 <sup>A</sup>	40	57
9/18/2007	29 <sup>A</sup>	1.41 <sup>A</sup>	1.16 <sup>A</sup>	1.28 <sup>A</sup>	0.00 <sup>A</sup>	29	42
9/19/2007	20 <sup>A</sup>	1.16 <sup>A</sup>	1.02 <sup>A</sup>	1.08 <sup>A</sup>	0.00 <sup>A</sup>	20	33
9/20/2007	18 <sup>A</sup>	1.08 <sup>A</sup>	0.96 <sup>A</sup>	1.03 <sup>A</sup>	0.00 <sup>A</sup>	18	31
9/21/2007	14 <sup>A</sup>	0.98 <sup>A</sup>	0.91 <sup>A</sup>	0.94 <sup>A</sup>	0.00 <sup>A</sup>	14	27
9/22/2007	14 <sup>A</sup>	0.97 <sup>A</sup>	0.89 <sup>A</sup>	0.93 <sup>A</sup>	0.00 <sup>A</sup>	14	27
9/23/2007	16 <sup>A</sup>	1.04 <sup>A</sup>	0.92 <sup>A</sup>	0.99 <sup>A</sup>	0.00 <sup>A</sup>	16	29
9/24/2007	15 <sup>A</sup>	1.03 <sup>A</sup>	0.90 <sup>A</sup>	0.97 <sup>A</sup>	0.00 <sup>A</sup>	15	28
9/25/2007	13 <sup>A</sup>	0.95 <sup>A</sup>	0.87 <sup>A</sup>	0.91 <sup>A</sup>	0.00 <sup>A</sup>	13	26
9/26/2007	14 <sup>A</sup>	0.99 <sup>A</sup>	0.83 <sup>A</sup>	0.93 <sup>A</sup>	0.00 <sup>A</sup>	14	27
9/27/2007	13 <sup>A</sup>	1.08 <sup>A</sup>	0.83 <sup>A</sup>	0.91 <sup>A</sup>	0.51 <sup>A</sup>	13	26
9/28/2007	15 <sup>A</sup>	1.06 <sup>A</sup>	0.88 <sup>A</sup>	0.97 <sup>A</sup>	0.00 <sup>A</sup>	15	28
9/29/2007	17 <sup>A</sup>	1.04 <sup>A</sup>	0.92 <sup>A</sup>	1.00 <sup>A</sup>	0.00 <sup>A</sup>	17	30
9/30/2007	9.8 <sup>A</sup>	0.92 <sup>A</sup>	0.74 <sup>A</sup>	0.82 <sup>A</sup>	0.00 <sup>A</sup>	9.8	23
10/1/2007	8.1 <sup>A</sup>	0.82 <sup>A</sup>	0.71 <sup>A</sup>	0.77 <sup>A</sup>	0.00 <sup>A</sup>	8.1	20
10/2/2007	7.2 <sup>A</sup>	0.79 <sup>A</sup>	0.68 <sup>A</sup>	0.73 <sup>A</sup>	0.00 <sup>A</sup>	7.2	19
10/3/2007	4.8 <sup>A</sup>	0.68 <sup>A</sup>	0.61 <sup>A</sup>	0.65 <sup>A</sup>	0.07 <sup>A</sup>	4.8	16
10/4/2007	3.9 <sup>A</sup>	0.64 <sup>A</sup>	0.60 <sup>A</sup>	0.61 <sup>A</sup>	0.07 <sup>A</sup>	3.9	15
10/5/2007	5.3 <sup>A</sup>	0.78 <sup>A</sup>	0.61 <sup>A</sup>	0.66 <sup>A</sup>	0.01 <sup>A</sup>	5.3	17
10/6/2007	9.1 <sup>A</sup>	0.83 <sup>A</sup>	0.76 <sup>A</sup>	0.80 <sup>A</sup>	0.00 <sup>A</sup>	9.1	21
10/7/2007	12 <sup>A</sup>	0.91 <sup>A</sup>	0.80 <sup>A</sup>	0.88 <sup>A</sup>	0.00 <sup>A</sup>	12	24
10/8/2007	13 <sup>A</sup>	0.93 <sup>A</sup>	0.82 <sup>A</sup>	0.90 <sup>A</sup>	0.00 <sup>A</sup>	13	25
10/9/2007	11 <sup>A</sup>	0.99 <sup>A</sup>	0.74 <sup>A</sup>	0.85 <sup>A</sup>	0.00 <sup>A</sup>	11	22
10/10/2007	19 <sup>A</sup>	1.27 <sup>A</sup>	0.78 <sup>A</sup>	1.06 <sup>A</sup>	0.00 <sup>A</sup>	19	31
10/11/2007	19 <sup>A</sup>	1.27 <sup>A</sup>	0.96 <sup>A</sup>	1.06 <sup>A</sup>	0.00 <sup>A</sup>	19	31
10/12/2007	24 <sup>A</sup>	1.28 <sup>A</sup>	1.04 <sup>A</sup>	1.17 <sup>A</sup>	0.00 <sup>A</sup>	24	36
10/13/2007	15 <sup>A</sup>	1.04 <sup>A</sup>	0.86 <sup>A</sup>	0.96 <sup>A</sup>	0.00 <sup>A</sup>	15	27
10/14/2007	9.9 <sup>A</sup>	0.86 <sup>A</sup>	0.78 <sup>A</sup>	0.82 <sup>A</sup>	0.00 <sup>A</sup>	9.9	21
10/15/2007	9.4 <sup>A</sup>	0.87 <sup>A</sup>	0.72 <sup>A</sup>	0.81 <sup>A</sup>	0.00 <sup>A</sup>	9.4	21
10/16/2007	6.2 <sup>A</sup>	0.72 <sup>A</sup>	0.66 <sup>A</sup>	0.70 <sup>A</sup>	0.00 <sup>A</sup>	6.2	18
10/17/2007	5.9 <sup>A</sup>	0.74 <sup>A</sup>	0.63 <sup>A</sup>	0.69 <sup>A</sup>	0.00 <sup>A</sup>	5.9	17
10/18/2007	6.2 <sup>A</sup>	0.78 <sup>A</sup>	0.67 <sup>A</sup>	0.70 <sup>A</sup>	0.01 <sup>A</sup>	6.2	18
10/19/2007	17 <sup>A</sup>	1.16 <sup>A</sup>	0.78 <sup>A</sup>	1.00 <sup>A</sup>	0.82 <sup>A</sup>	17	28
10/20/2007	16 <sup>A</sup>	1.04 <sup>A</sup>	0.95 <sup>A</sup>	0.99 <sup>A</sup>	0.00 <sup>A</sup>	16	28

Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
10/21/2007	15 <sup>A</sup>	1.01 <sup>A</sup>	0.93 <sup>A</sup>	0.97 <sup>A</sup>	0.00 <sup>A</sup>	15	27
10/22/2007	20 <sup>A</sup>	1.17 <sup>A</sup>	0.98 <sup>A</sup>	1.09 <sup>A</sup>	0.69 <sup>A</sup>	20	32
10/23/2007	28 <sup>A</sup>	1.44 <sup>A</sup>	0.94 <sup>A</sup>	1.28 <sup>A</sup>	0.25 <sup>A</sup>	28	40
10/24/2007	28 <sup>A</sup>	1.32 <sup>A</sup>	1.26 <sup>A</sup>	1.28 <sup>A</sup>	0.20 <sup>A</sup>	28	40
10/25/2007	41 <sup>A</sup>	1.92 <sup>A</sup>	1.32 <sup>A</sup>	1.55 <sup>A</sup>	0.00 <sup>A</sup>	41	53
10/26/2007	42 <sup>A</sup>	1.94 <sup>A</sup>	1.17 <sup>A</sup>	1.58 <sup>A</sup>	0.00 <sup>A</sup>	42	54
10/27/2007	37 <sup>A</sup>	1.58 <sup>A</sup>	1.30 <sup>A</sup>	1.46 <sup>A</sup>	0.00 <sup>A</sup>	37	49
10/28/2007	28 <sup>A</sup>	1.33 <sup>A</sup>	1.15 <sup>A</sup>	1.27 <sup>A</sup>	0.00 <sup>A</sup>	28	40
10/29/2007	24 <sup>A</sup>	1.21 <sup>A</sup>	1.11 <sup>A</sup>	1.17 <sup>A</sup>	0.00 <sup>A</sup>	24	36
10/30/2007	20 <sup>A</sup>	1.12 <sup>A</sup>	1.02 <sup>A</sup>	1.09 <sup>A</sup>	0.00 <sup>A</sup>	20	32
10/31/2007	16 <sup>A</sup>	1.03 <sup>A</sup>	0.96 <sup>A</sup>	1.00 <sup>A</sup>	0.00 <sup>A</sup>	16	28
11/1/2007	17 <sup>A</sup>	1.14 <sup>A</sup>	0.92 <sup>A</sup>	1.00 <sup>A</sup>	0.00 <sup>A</sup>	17	29
11/2/2007	25 <sup>A</sup>	1.22 <sup>A</sup>	1.14 <sup>A</sup>	1.20 <sup>A</sup>	0.00 <sup>A</sup>	25	37
11/3/2007	24 <sup>A</sup>	1.21 <sup>A</sup>	1.15 <sup>A</sup>	1.19 <sup>A</sup>	0.00 <sup>A</sup>	24	36
11/4/2007	24 <sup>A</sup>	1.19 <sup>A</sup>	1.15 <sup>A</sup>	1.17 <sup>A</sup>	0.00 <sup>A</sup>	24	36
11/5/2007	23 <sup>A</sup>	1.18 <sup>A</sup>	1.14 <sup>A</sup>	1.16 <sup>A</sup>	0.00 <sup>A</sup>	23	35
11/6/2007	22 <sup>A</sup>	1.14 <sup>A</sup>	1.09 <sup>A</sup>	1.13 <sup>A</sup>	0.00 <sup>A</sup>	22	34
11/7/2007	19 <sup>A</sup>	1.09 <sup>A</sup>	1.00 <sup>A</sup>	1.06 <sup>A</sup>	0.00 <sup>A</sup>	19	31
11/8/2007	15 <sup>A</sup>	1.00 <sup>A</sup>	0.94 <sup>A</sup>	0.95 <sup>A</sup>	0.00 <sup>A</sup>	15	27
11/9/2007	15 <sup>A</sup>	0.98 <sup>A</sup>	0.94 <sup>A</sup>	0.96 <sup>A</sup>	0.00 <sup>A</sup>	15	27
11/10/2007	16 <sup>A</sup>	1.02 <sup>A</sup>	0.97 <sup>A</sup>	0.99 <sup>A</sup>	0.00 <sup>A</sup>	16	28
11/11/2007	17 <sup>A</sup>	1.05 <sup>A</sup>	0.97 <sup>A</sup>	1.01 <sup>A</sup>	0.00 <sup>A</sup>	17	29
11/12/2007	17 <sup>A</sup>	1.04 <sup>A</sup>	0.99 <sup>A</sup>	1.02 <sup>A</sup>	0.00 <sup>A</sup>	17	29
11/13/2007	19 <sup>A</sup>	1.13 <sup>A</sup>	0.97 <sup>A</sup>	1.07 <sup>A</sup>	0.00 <sup>A</sup>	19	28
11/14/2007	20 <sup>A</sup>	1.13 <sup>A</sup>	1.07 <sup>A</sup>	1.09 <sup>A</sup>	0.00 <sup>A</sup>	20	29
11/15/2007	21 <sup>A</sup>	1.16 <sup>A</sup>	1.07 <sup>A</sup>	1.11 <sup>A</sup>		21	30
11/16/2007	28 <sup>A</sup>	1.35 <sup>A</sup>	1.16 <sup>A</sup>	1.27 <sup>A</sup>		28	37
11/17/2007	31 <sup>A</sup>	1.46 <sup>A</sup>	1.22 <sup>A</sup>	1.35 <sup>A</sup>		31	40
11/18/2007	34 <sup>A</sup>	1.45 <sup>A</sup>	1.31 <sup>A</sup>	1.41 <sup>A</sup>		34	43
11/19/2007	26 <sup>A</sup>	1.31 <sup>A</sup>	1.14 <sup>A</sup>	1.23 <sup>A</sup>		26	35
11/20/2007	21 <sup>A</sup>	1.14 <sup>A</sup>	1.11 <sup>A</sup>	1.12 <sup>A</sup>		21	30
11/21/2007	25 <sup>A</sup>	1.26 <sup>A</sup>	1.11 <sup>A</sup>	1.19 <sup>A</sup>		25	34
11/22/2007	34 <sup>A</sup>	1.63 <sup>A</sup>	1.15 <sup>A</sup>	1.41 <sup>A</sup>		34	43
11/23/2007	35 <sup>A</sup>	1.97 <sup>A</sup>	0.66 <sup>A</sup>	1.40 <sup>A</sup>		35	44
11/24/2007	54 <sup>A</sup>	2.02 <sup>A</sup>	1.30 <sup>A</sup>	1.81 <sup>A</sup>		54	92
11/25/2007	40 <sup>A</sup>	1.86 <sup>A</sup>	1.20 <sup>A</sup>	1.52 <sup>A</sup>		40	78
11/26/2007	33 <sup>A</sup>	1.64 <sup>A</sup>	1.16 <sup>A</sup>	1.38 <sup>A</sup>		33	71
11/27/2007	40 <sup>A</sup>	1.62 <sup>A</sup>	1.27 <sup>A</sup>	1.54 <sup>A</sup>		40	75
11/28/2007	55 <sup>A</sup>	2.29 <sup>A</sup>	1.52 <sup>A</sup>	1.82 <sup>A</sup>		55	100
11/29/2007	49 <sup>A</sup>	2.24 <sup>A</sup>	1.14 <sup>A</sup>	1.71 <sup>A</sup>		49	66
11/30/2007	34 <sup>A</sup>	1.50 <sup>A</sup>	1.30 <sup>A</sup>	1.40 <sup>A</sup>		34	82
12/1/2007	27 <sup>A</sup>	1.30 <sup>A</sup>	1.18 <sup>A</sup>	1.25 <sup>A</sup>		27	36
12/2/2007	22 <sup>A</sup>	1.18 <sup>A</sup>	1.09 <sup>A</sup>	1.13 <sup>A</sup>		22	31
12/3/2007	34 <sup>A</sup>	1.62 <sup>A</sup>	1.08 <sup>A</sup>	1.41 <sup>A</sup>		34	43
12/4/2007	44 <sup>A</sup>	1.66 <sup>A</sup>	1.60 <sup>A</sup>	1.63 <sup>A</sup>		44	53
12/5/2007	38 <sup>A</sup>			1.50 <sup>A</sup>		38	63
12/6/2007	25 <sup>A</sup>			1.20 <sup>A</sup>		25	50
12/7/2007	27 <sup>A</sup>	1.46 <sup>A</sup>	1.11 <sup>A</sup>	1.25 <sup>A</sup>		27	41

Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
12/8/2007	35 <sup>A</sup>			1.42 <sup>A</sup>		35	47
12/9/2007	34 <sup>A</sup>	1.42 <sup>A</sup>	1.38 <sup>A</sup>	1.40 <sup>A</sup>		34	46
12/10/2007	33 <sup>A</sup>	1.40 <sup>A</sup>	1.37 <sup>A</sup>	1.39 <sup>A</sup>		33	45
12/11/2007	36 <sup>A</sup>	1.50 <sup>A</sup>	1.38 <sup>A</sup>	1.44 <sup>A</sup>		36	46
12/12/2007	37 <sup>A</sup>	1.49 <sup>A</sup>	1.45 <sup>A</sup>	1.47 <sup>A</sup>		37	46
12/13/2007	36 <sup>A</sup>	1.47 <sup>A</sup>	1.46 <sup>A</sup>	1.46 <sup>A</sup>		36	45
12/14/2007	36 <sup>A</sup>	1.48 <sup>A</sup>	1.43 <sup>A</sup>	1.46 <sup>A</sup>		36	45
12/15/2007	39 <sup>A</sup>	1.88 <sup>A</sup>	1.43 <sup>A</sup>	1.51 <sup>A</sup>		39	48
12/16/2007	57 <sup>A</sup>	2.24 <sup>A</sup>	1.63 <sup>A</sup>	1.87 <sup>A</sup>		57	95
12/17/2007	57 <sup>A</sup>	2.13 <sup>A</sup>	1.66 <sup>A</sup>	1.89 <sup>A</sup>		57	98
12/18/2007	52 <sup>A</sup>	2.14 <sup>A</sup>	1.21 <sup>A</sup>	1.79 <sup>A</sup>		52	107
12/19/2007	24 <sup>A</sup>	1.65 <sup>A</sup>	1.02 <sup>A</sup>	1.22 <sup>A</sup>		24	70
12/20/2007	28 <sup>A</sup>	1.50 <sup>A</sup>	1.05 <sup>A</sup>	1.33 <sup>A</sup>		28	57
12/21/2007	31 <sup>A</sup>	1.44 <sup>A</sup>	1.37 <sup>A</sup>	1.42 <sup>A</sup>		31	59
12/22/2007	28 <sup>A</sup>	1.37 <sup>A</sup>	1.30 <sup>A</sup>	1.34 <sup>A</sup>		28	56
12/23/2007	18 <sup>A</sup>	1.37 <sup>A</sup>	0.92 <sup>A</sup>	1.10 <sup>A</sup>		18	64
12/24/2007	21 <sup>A</sup>	1.25 <sup>A</sup>	1.05 <sup>A</sup>	1.19 <sup>A</sup>		21	68
12/25/2007	33 <sup>A</sup>	1.52 <sup>A</sup>	1.25 <sup>A</sup>	1.45 <sup>A</sup>		33	79
12/26/2007	30 <sup>A</sup>	1.46 <sup>A</sup>	1.28 <sup>A</sup>	1.38 <sup>A</sup>		30	76
12/27/2007	27 <sup>A</sup>	1.61 <sup>A</sup>	1.17 <sup>A</sup>	1.31 <sup>A</sup>		27	62
12/28/2007	36 <sup>A</sup>	1.98 <sup>A</sup>	1.38 <sup>A</sup>	1.52 <sup>A</sup>		36	88
12/29/2007	50 <sup>A</sup>	2.32 <sup>A</sup>	1.43 <sup>A</sup>	1.79 <sup>A</sup>		50	112
12/30/2007	151 <sup>A</sup>	4.29 <sup>A</sup>	2.32 <sup>A</sup>	3.34 <sup>A</sup>		151	201
12/31/2007	276 <sup>A</sup>	4.66 <sup>A</sup>	4.29 <sup>A</sup>	4.57 <sup>A</sup>		276	322
1/1/2008	320 <sup>A</sup>	5.36 <sup>A</sup>	4.57 <sup>A</sup>	4.86 <sup>A</sup>		320	343
1/2/2008	300 <sup>A</sup>	5.38 <sup>A</sup>	3.84 <sup>A</sup>	4.68 <sup>A</sup>		300	335
1/3/2008	142 <sup>A</sup>	4.16 <sup>A</sup>	2.59 <sup>A</sup>	3.24 <sup>A</sup>		142	201
1/4/2008	76 <sup>A</sup>	2.59 <sup>A</sup>	2.04 <sup>A</sup>	2.29 <sup>A</sup>		76	136
1/5/2008	55 <sup>A</sup>	2.04 <sup>A</sup>	1.79 <sup>A</sup>	1.91 <sup>A</sup>		55	116
1/6/2008	43 <sup>A</sup>	1.79 <sup>A</sup>	1.58 <sup>A</sup>	1.68 <sup>A</sup>		43	101
1/7/2008	34 <sup>A</sup>	1.60 <sup>A</sup>	1.37 <sup>A</sup>	1.49 <sup>A</sup>		34	96
1/8/2008	32 <sup>A</sup>	1.58 <sup>A</sup>	1.27 <sup>A</sup>	1.42 <sup>A</sup>		32	77
1/9/2008	39 <sup>A</sup>	1.62 <sup>A</sup>	1.54 <sup>A</sup>	1.59 <sup>A</sup>	0.12 <sup>A</sup>	39	85
1/10/2008	39 <sup>A</sup>	1.67 <sup>A</sup>	1.55 <sup>A</sup>	1.59 <sup>A</sup>	0.02 <sup>A</sup>	39	97
1/11/2008	60 <sup>A</sup>	2.26 <sup>A</sup>	1.67 <sup>A</sup>	2.00 <sup>A</sup>	0.63 <sup>A</sup>	60	118
1/12/2008	86 <sup>A</sup>	2.90 <sup>A</sup>	2.26 <sup>A</sup>	2.46 <sup>A</sup>	0.00 <sup>A</sup>	86	140
1/13/2008	115 <sup>A</sup>	3.08 <sup>A</sup>	2.58 <sup>A</sup>	2.91 <sup>A</sup>	0.00 <sup>A</sup>	115	171
1/14/2008	74 <sup>A</sup>	2.58 <sup>A</sup>	1.99 <sup>A</sup>	2.25 <sup>A</sup>	0.00 <sup>A</sup>	74	128
1/15/2008	53 <sup>A</sup>	1.99 <sup>A</sup>	1.70 <sup>A</sup>	1.87 <sup>A</sup>	0.00 <sup>A</sup>	53	112
1/16/2008	40 <sup>A</sup>	1.70 <sup>A</sup>	1.53 <sup>A</sup>	1.61 <sup>A</sup>	0.28 <sup>A</sup>	40	98
1/17/2008	62 <sup>A</sup>	2.34 <sup>A</sup>	1.66 <sup>A</sup>	2.04 <sup>A</sup>	0.52 <sup>A</sup>	62	124
1/18/2008	85 <sup>A</sup>	2.71 <sup>A</sup>	2.34 <sup>A</sup>	2.44 <sup>A</sup>	0.00 <sup>A</sup>	85	147
1/19/2008	107 <sup>A</sup>	2.85 <sup>A</sup>	2.71 <sup>A</sup>	2.80 <sup>A</sup>	0.37 <sup>A</sup>	107	167
1/20/2008	93 <sup>A</sup>	2.75 <sup>A</sup>	2.41 <sup>A</sup>	2.58 <sup>A</sup>	0.00 <sup>A</sup>	93	156
1/21/2008	78 <sup>A</sup>	2.41 <sup>A</sup>	2.19 <sup>A</sup>	2.33 <sup>A</sup>	0.00 <sup>A</sup>	78	124
1/22/2008	61 <sup>A</sup>	2.19 <sup>A</sup>	1.90 <sup>A</sup>	2.02 <sup>A</sup>	0.14 <sup>A</sup>	61	121
1/23/2008	51 <sup>A</sup>	1.91 <sup>A</sup>	1.78 <sup>A</sup>	1.82 <sup>A</sup>	0.00 <sup>A</sup>	51	113
1/24/2008	48 <sup>A</sup>	1.81 <sup>A</sup>	1.73 <sup>A</sup>	1.78 <sup>A</sup>	0.00 <sup>A</sup>	48	110

Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
1/25/2008	42 <sup>A</sup>	1.76 <sup>A</sup>	1.59 <sup>A</sup>	1.66 <sup>A</sup>	0.00 <sup>A</sup>	42	103
1/26/2008	35 <sup>A</sup>	1.61 <sup>A</sup>	1.40 <sup>A</sup>	1.49 <sup>A</sup>	0.00 <sup>A</sup>	35	94
1/27/2008	30 <sup>A</sup>	1.46 <sup>A</sup>	1.28 <sup>A</sup>	1.38 <sup>A</sup>	0.00 <sup>A</sup>	30	89
1/28/2008	25 <sup>A</sup>	1.31 <sup>A</sup>	1.24 <sup>A</sup>	1.27 <sup>A</sup>	0.00 <sup>A</sup>	25	83
1/29/2008	31 <sup>A</sup>	1.56 <sup>A</sup>	1.21 <sup>A</sup>	1.41 <sup>A</sup>	0.17 <sup>A</sup>	31	77
1/30/2008	33 <sup>A</sup>	1.68 <sup>A</sup>	1.20 <sup>A</sup>	1.44 <sup>A</sup>	0.02 <sup>A</sup>	33	93
1/31/2008	31 <sup>A</sup>	1.82 <sup>A</sup>	1.23 <sup>A</sup>	1.40 <sup>A</sup>	0.35 <sup>A</sup>	31	89
2/1/2008	121 <sup>A</sup>	3.79 <sup>A</sup>	1.82 <sup>A</sup>	2.96 <sup>A</sup>	0.99 <sup>A</sup>	121	171
2/2/2008	196 <sup>A</sup>	4.30 <sup>A</sup>	3.78 <sup>A</sup>	3.92 <sup>A</sup>	0.00 <sup>A</sup>	196	258
2/3/2008	297 <sup>A</sup>	4.88 <sup>A</sup>	4.30 <sup>A</sup>	4.71 <sup>A</sup>	0.00 <sup>A</sup>	297	353
2/4/2008	199 <sup>A</sup>	4.66 <sup>A</sup>	3.32 <sup>A</sup>	3.90 <sup>A</sup>	0.08 <sup>A</sup>	199	256
2/5/2008	122 <sup>A</sup>	3.32 <sup>A</sup>	2.80 <sup>A</sup>	3.01 <sup>A</sup>	0.00 <sup>A</sup>	122	180
2/6/2008	108 <sup>A</sup>	3.38 <sup>A</sup>	2.66 <sup>A</sup>	2.81 <sup>A</sup>	0.38 <sup>A</sup>	108	161
2/7/2008	95 <sup>A</sup>	2.71 <sup>A</sup>	2.52 <sup>A</sup>	2.61 <sup>A</sup>	0.00 <sup>A</sup>	95	153
2/8/2008	92 <sup>A</sup>	2.61 <sup>A</sup>	2.47 <sup>A</sup>	2.56 <sup>A</sup>	0.00 <sup>A</sup>	92	153
2/9/2008	76 <sup>A</sup>	2.47 <sup>A</sup>	2.13 <sup>A</sup>	2.29 <sup>A</sup>	0.00 <sup>A</sup>	76	135
2/10/2008	60 <sup>A</sup>	2.13 <sup>A</sup>	1.90 <sup>A</sup>	2.00 <sup>A</sup>	0.00 <sup>A</sup>	60	105
2/11/2008	49 <sup>A</sup>	1.90 <sup>A</sup>	1.70 <sup>A</sup>	1.79 <sup>A</sup>	0.01 <sup>A</sup>	49	108
2/12/2008	43 <sup>A</sup>	2.38 <sup>A</sup>	1.54 <sup>A</sup>	1.67 <sup>A</sup>	0.09 <sup>A</sup>	43	103
2/13/2008	52 <sup>A</sup>	2.55 <sup>A</sup>	1.60 <sup>A</sup>	1.84 <sup>A</sup>	0.05 <sup>A</sup>	52	96
2/14/2008	45 <sup>A</sup>	1.80 <sup>A</sup>	1.64 <sup>A</sup>	1.72 <sup>A</sup>	0.00 <sup>A</sup>	45	103
2/15/2008	42 <sup>A</sup>	1.81 <sup>A</sup>	1.52 <sup>A</sup>	1.66 <sup>A</sup>	0.00 <sup>A</sup>	42	101
2/16/2008	35 <sup>A</sup>	1.55 <sup>A</sup>	1.45 <sup>A</sup>	1.50 <sup>A</sup>	0.00 <sup>A</sup>	35	88
2/17/2008	50 <sup>A</sup>	2.52 <sup>A</sup>	1.44 <sup>A</sup>	1.77 <sup>A</sup>	0.23 <sup>A</sup>	50	72
2/18/2008	52 <sup>A</sup>	2.54 <sup>A</sup>	1.45 <sup>A</sup>	1.82 <sup>A</sup>	0.00 <sup>A</sup>	52	113
2/19/2008	68 <sup>A</sup>	2.54 <sup>A</sup>	1.60 <sup>A</sup>	2.14 <sup>A</sup>	0.00 <sup>A</sup>	68	126
2/20/2008	74 <sup>A</sup>	2.54 <sup>A</sup>	1.98 <sup>A</sup>	2.25 <sup>A</sup>	0.00 <sup>A</sup>	74	133
2/21/2008	55 <sup>A</sup>	2.27 <sup>A</sup>	1.75 <sup>A</sup>	1.92 <sup>A</sup>	0.92 <sup>A</sup>	55	113
2/22/2008	143 <sup>A</sup>	4.06 <sup>A</sup>	2.27 <sup>A</sup>	3.23 <sup>A</sup>	0.49 <sup>A</sup>	143	183
2/23/2008	305 <sup>A</sup>	5.27 <sup>A</sup>	4.06 <sup>A</sup>	4.70 <sup>A</sup>	0.01 <sup>A</sup>	305	345
2/24/2008	456 <sup>A</sup>	5.77 <sup>A</sup>	5.27 <sup>A</sup>	5.60 <sup>A</sup>	0.00 <sup>A</sup>	456	472
2/25/2008	356 <sup>A</sup>	5.69 <sup>A</sup>	4.45 <sup>A</sup>	5.01 <sup>A</sup>	0.00 <sup>A</sup>	356	374
2/26/2008	245 <sup>A</sup>	4.45 <sup>A</sup>	4.19 <sup>A</sup>	4.27 <sup>A</sup>	0.59 <sup>A</sup>	245	253
2/27/2008	262 <sup>A</sup>	4.65 <sup>A</sup>	3.96 <sup>A</sup>	4.38 <sup>A</sup>	0.00 <sup>A</sup>	262	270
2/28/2008	324 <sup>A</sup>	4.92 <sup>A</sup>	4.65 <sup>A</sup>	4.82 <sup>A</sup>	0.00 <sup>A</sup>	324	332
2/29/2008	242 <sup>A</sup>	4.66 <sup>A</sup>	3.88 <sup>A</sup>	4.23 <sup>A</sup>	0.00 <sup>A</sup>	242	250
3/1/2008	182 <sup>A</sup>	3.88 <sup>A</sup>	3.54 <sup>A</sup>	3.69 <sup>A</sup>	0.00 <sup>A</sup>	182	190
3/2/2008	161 <sup>A</sup>	3.54 <sup>A</sup>	3.37 <sup>A</sup>	3.45 <sup>A</sup>	0.00 <sup>A</sup>	161	169
3/3/2008	147 <sup>A</sup>	3.37 <sup>A</sup>	3.20 <sup>A</sup>	3.26 <sup>A</sup>	0.00 <sup>A</sup>	147	154
3/4/2008	161 <sup>A</sup>	4.06 <sup>A</sup>	3.16 <sup>A</sup>	3.42 <sup>A</sup>	1.23 <sup>A</sup>	161	166
3/5/2008	277 <sup>A</sup>	4.80 <sup>A</sup>	4.06 <sup>A</sup>	4.50 <sup>A</sup>	0.00 <sup>A</sup>	277	284
3/6/2008	392 <sup>A</sup>	5.50 <sup>A</sup>	4.80 <sup>A</sup>	5.24 <sup>A</sup>	0.00 <sup>A</sup>	392	399
3/7/2008	382 <sup>A</sup>	5.50 <sup>A</sup>	4.84 <sup>A</sup>	5.18 <sup>A</sup>	0.41 <sup>A</sup>	382	389
3/8/2008	295 <sup>A</sup>	4.84 <sup>A</sup>	4.48 <sup>A</sup>	4.63 <sup>A</sup>	0.05 <sup>A</sup>	295	302
3/9/2008	271 <sup>A</sup>	4.55 <sup>A</sup>	4.25 <sup>A</sup>	4.46 <sup>A</sup>	0.00 <sup>A</sup>	271	278
3/10/2008	211 <sup>A</sup>	4.25 <sup>A</sup>	3.76 <sup>A</sup>	3.97 <sup>A</sup>	0.00 <sup>A</sup>	211	218
3/11/2008	173 <sup>A</sup>	3.76 <sup>A</sup>	3.46 <sup>A</sup>	3.59 <sup>A</sup>	0.00 <sup>A</sup>	173	180
3/12/2008	156 <sup>A</sup>	3.46 <sup>A</sup>	3.30 <sup>A</sup>	3.37 <sup>A</sup>	0.00 <sup>A</sup>	156	164



Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
3/13/2008	142 <sup>A</sup>	3.30 <sup>A</sup>	3.14 <sup>A</sup>	3.21 <sup>A</sup>	0.00 <sup>A</sup>	142	153
3/14/2008	137 <sup>A</sup>	3.61 <sup>A</sup>	3.05 <sup>A</sup>	3.13 <sup>A</sup>	1.08 <sup>A</sup>	137	147
3/15/2008	179 <sup>A</sup>	3.93 <sup>A</sup>	3.46 <sup>A</sup>	3.65 <sup>A</sup>	0.70 <sup>A</sup>	179	184
3/16/2008	218 <sup>A</sup>	4.10 <sup>A</sup>	3.93 <sup>A</sup>	4.03 <sup>A</sup>	0.00 <sup>A</sup>	218	223
3/17/2008	191 <sup>A</sup>	3.94 <sup>A</sup>	3.60 <sup>A</sup>	3.78 <sup>A</sup>	0.00 <sup>A</sup>	191	196
3/18/2008	157 <sup>A</sup>	3.60 <sup>A</sup>	3.25 <sup>A</sup>	3.39 <sup>A</sup>	0.00 <sup>A</sup>	157	162
3/19/2008	150 <sup>A</sup>	3.68 <sup>A</sup>	3.14 <sup>A</sup>	3.31 <sup>A</sup>	0.80 <sup>A</sup>	150	155
3/20/2008	209 <sup>A</sup>	4.04 <sup>A</sup>	3.68 <sup>A</sup>	3.94 <sup>A</sup>	0.00 <sup>A</sup>	209	214
3/21/2008	287 <sup>A</sup>	5.01 <sup>A</sup>	3.98 <sup>A</sup>	4.56 <sup>A</sup>	0.00 <sup>A</sup>	287	292
3/22/2008	291 <sup>A</sup>	5.01 <sup>A</sup>	4.08 <sup>A</sup>	4.59 <sup>A</sup>	0.00 <sup>A</sup>	291	296
3/23/2008	192 <sup>A</sup>	4.08 <sup>A</sup>	3.57 <sup>A</sup>	3.78 <sup>A</sup>	0.00 <sup>A</sup>	192	197
3/24/2008	158 <sup>A</sup>	3.57 <sup>A</sup>	3.28 <sup>A</sup>	3.41 <sup>A</sup>	0.00 <sup>A</sup>	158	163
3/25/2008	140 <sup>A</sup>	3.28 <sup>A</sup>	3.03 <sup>A</sup>	3.17 <sup>A</sup>	0.00 <sup>A</sup>	140	145
3/26/2008	127 <sup>A</sup>	3.09 <sup>A</sup>	2.95 <sup>A</sup>	3.00 <sup>A</sup>	0.00 <sup>A</sup>	127	132
3/27/2008	117 <sup>A</sup>	2.96 <sup>A</sup>	2.79 <sup>A</sup>	2.86 <sup>A</sup>	0.00 <sup>A</sup>	117	122
3/28/2008	111 <sup>A</sup>	2.81 <sup>A</sup>	2.74 <sup>A</sup>	2.77 <sup>A</sup>	0.00 <sup>A</sup>	111	121
3/29/2008	111 <sup>A</sup>	2.92 <sup>A</sup>	2.73 <sup>A</sup>	2.77 <sup>A</sup>	0.58 <sup>A</sup>	111	122
3/30/2008	167 <sup>A</sup>	3.84 <sup>A</sup>	2.92 <sup>A</sup>	3.49 <sup>A</sup>	0.36 <sup>A</sup>	167	178
3/31/2008	194 <sup>A</sup>	3.88 <sup>A</sup>	3.75 <sup>A</sup>	3.81 <sup>A</sup>	0.00 <sup>A</sup>	194	205
4/1/2008	185 <sup>A</sup>	3.87 <sup>A</sup>	3.54 <sup>A</sup>	3.71 <sup>A</sup>	0.01 <sup>A</sup>	185	191
4/2/2008	157 <sup>A</sup>	3.54 <sup>A</sup>	3.26 <sup>A</sup>	3.40 <sup>A</sup>	0.00 <sup>A</sup>	157	163
4/3/2008	140 <sup>A</sup>	3.26 <sup>A</sup>	3.08 <sup>A</sup>	3.17 <sup>A</sup>	0.07 <sup>A</sup>	140	146
4/4/2008	132 <sup>A</sup>	3.22 <sup>A</sup>	2.98 <sup>A</sup>	3.06 <sup>A</sup>	0.62 <sup>A</sup>	132	138
4/5/2008	209 <sup>A</sup>	4.72 <sup>A</sup>	3.22 <sup>A</sup>	3.90 <sup>A</sup>	0.62 <sup>A</sup>	209	215
4/6/2008	366 <sup>A</sup>	5.46 <sup>A</sup>	4.72 <sup>A</sup>	5.08 <sup>A</sup>	0.00 <sup>A</sup>	366	372
4/7/2008	491 <sup>A</sup>	5.99 <sup>A</sup>	5.46 <sup>A</sup>	5.79 <sup>A</sup>	0.00 <sup>A</sup>	491	497
4/8/2008	420 <sup>A</sup>	5.97 <sup>A</sup>	4.73 <sup>A</sup>	5.39 <sup>A</sup>	0.00 <sup>A</sup>	420	426
4/9/2008	256 <sup>A</sup>	4.73 <sup>A</sup>	4.03 <sup>A</sup>	4.34 <sup>A</sup>	0.00 <sup>A</sup>	256	262
4/10/2008	197 <sup>A</sup>	4.03 <sup>A</sup>	3.66 <sup>A</sup>	3.83 <sup>A</sup>	0.00 <sup>A</sup>	197	203
4/11/2008	171 <sup>A</sup>	3.66 <sup>A</sup>	3.46 <sup>A</sup>	3.56 <sup>A</sup>	0.43 <sup>A</sup>	171	177
4/12/2008	236 <sup>A</sup>	4.66 <sup>A</sup>	3.56 <sup>A</sup>	4.15 <sup>A</sup>	0.48 <sup>A</sup>	236	242
4/13/2008	277 <sup>A</sup>	4.65 <sup>A</sup>	4.44 <sup>A</sup>	4.50 <sup>A</sup>	0.00 <sup>A</sup>	277	283
4/14/2008	235 <sup>A</sup>	4.49 <sup>A</sup>	3.80 <sup>A</sup>	4.17 <sup>A</sup>	0.00 <sup>A</sup>	235	245
4/15/2008	172 <sup>A</sup>	3.80 <sup>A</sup>	3.39 <sup>A</sup>	3.57 <sup>A</sup>	0.00 <sup>A</sup>	172	184
4/16/2008	150 <sup>A</sup>	3.39 <sup>A</sup>	3.25 <sup>A</sup>	3.30 <sup>A</sup>	0.00 <sup>A</sup>	150	160
4/17/2008	138 <sup>A</sup>	3.26 <sup>A</sup>	3.07 <sup>A</sup>	3.15 <sup>A</sup>	0.00 <sup>A</sup>	138	144
4/18/2008	125 <sup>A</sup>	3.07 <sup>A</sup>	2.92 <sup>A</sup>	2.98 <sup>A</sup>	0.00 <sup>A</sup>	125	131
4/19/2008	118 <sup>A</sup>	2.92 <sup>A</sup>	2.85 <sup>A</sup>	2.87 <sup>A</sup>	0.07 <sup>A</sup>	118	124
4/20/2008	114 <sup>A</sup>	2.86 <sup>A</sup>	2.77 <sup>A</sup>	2.81 <sup>A</sup>	0.00 <sup>A</sup>	114	124
4/21/2008	107 <sup>A</sup>	2.80 <sup>A</sup>	2.64 <sup>A</sup>	2.71 <sup>A</sup>	0.00 <sup>A</sup>	107	119
4/22/2008	96 <sup>A</sup>	2.64 <sup>A</sup>	2.48 <sup>A</sup>	2.54 <sup>A</sup>	0.00 <sup>A</sup>	96	108
4/23/2008	91 <sup>A</sup>	2.50 <sup>A</sup>	2.42 <sup>A</sup>	2.46 <sup>A</sup>	0.00 <sup>A</sup>	91	103
4/24/2008	87 <sup>A</sup>	2.43 <sup>A</sup>	2.35 <sup>A</sup>	2.39 <sup>A</sup>	0.00 <sup>A</sup>	87	99
4/25/2008	89 <sup>A</sup>	2.46 <sup>A</sup>	2.37 <sup>A</sup>	2.42 <sup>A</sup>	0.00 <sup>A</sup>	89	99
4/26/2008	89 <sup>A</sup>	2.46 <sup>A</sup>	2.37 <sup>A</sup>	2.41 <sup>A</sup>	0.00 <sup>A</sup>	89	95
4/27/2008	91 <sup>A</sup>	2.56 <sup>A</sup>	2.37 <sup>A</sup>	2.45 <sup>A</sup>	0.16 <sup>A</sup>	91	97
4/28/2008	101 <sup>A</sup>	2.66 <sup>A</sup>	2.56 <sup>A</sup>	2.62 <sup>A</sup>	0.12 <sup>A</sup>	101	107
4/29/2008	108 <sup>A</sup>	2.92 <sup>A</sup>	2.64 <sup>A</sup>	2.73 <sup>A</sup>	0.00 <sup>A</sup>	108	114

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4/30/2008	114 <sup>A</sup>	2.94 <sup>A</sup>	2.64 <sup>A</sup>	2.82 <sup>A</sup>	0.00 <sup>A</sup>	114	120
5/1/2008	91 <sup>A</sup>	2.64 <sup>A</sup>	2.33 <sup>A</sup>	2.46 <sup>A</sup>	0.00 <sup>A</sup>	91	97
5/2/2008	82 <sup>A</sup>	2.34 <sup>A</sup>	2.27 <sup>A</sup>	2.31 <sup>A</sup>	0.00 <sup>A</sup>	82	90
5/3/2008	78 <sup>A</sup>	2.31 <sup>A</sup>	2.19 <sup>A</sup>	2.24 <sup>A</sup>	0.00 <sup>A</sup>	78	84
5/4/2008	75 <sup>A</sup>	2.22 <sup>A</sup>	2.17 <sup>A</sup>	2.19 <sup>A</sup>	0.00 <sup>A</sup>	75	81
5/5/2008	72 <sup>A</sup>	2.18 <sup>A</sup>	2.09 <sup>A</sup>	2.13 <sup>A</sup>	0.00 <sup>A</sup>	72	78
5/6/2008	67 <sup>A</sup>	2.11 <sup>A</sup>	2.01 <sup>A</sup>	2.05 <sup>A</sup>	0.00 <sup>A</sup>	67	73
5/7/2008	51 <sup>A</sup>	2.02 <sup>A</sup>	1.42 <sup>A</sup>	1.74 <sup>A</sup>	0.00 <sup>A</sup>	51	82
5/8/2008	41 <sup>A</sup>	1.88 <sup>A</sup>	1.28 <sup>A</sup>	1.52 <sup>A</sup>	0.39 <sup>A</sup>	41	51
5/9/2008	60 <sup>A</sup>	1.94 <sup>A</sup>	1.88 <sup>A</sup>	1.91 <sup>A</sup>	0.01 <sup>A</sup>	60	66
5/10/2008	59 <sup>A</sup>	1.94 <sup>A</sup>	1.88 <sup>A</sup>	1.90 <sup>A</sup>	0.00 <sup>A</sup>	59	65
5/11/2008	96 <sup>A</sup>	3.20 <sup>A</sup>	1.94 <sup>A</sup>	2.51 <sup>A</sup>	0.91 <sup>A</sup>	96	102
5/12/2008	120 <sup>A</sup>	3.19 <sup>A</sup>	2.72 <sup>A</sup>	2.90 <sup>A</sup>	0.00 <sup>A</sup>	120	126
5/13/2008	120 <sup>A</sup>	3.17 <sup>A</sup>	2.37 <sup>A</sup>	2.88 <sup>A</sup>	0.00 <sup>A</sup>	120	144
5/14/2008	71 <sup>A</sup>	2.37 <sup>A</sup>	1.83 <sup>A</sup>	2.11 <sup>A</sup>	0.00 <sup>A</sup>	71	89
5/15/2008	76 <sup>A</sup>	2.29 <sup>A</sup>	2.16 <sup>A</sup>	2.21 <sup>A</sup>	0.52 <sup>A</sup>	76	82
5/16/2008	97 <sup>A</sup>	2.72 <sup>A</sup>	2.29 <sup>A</sup>	2.55 <sup>A</sup>	0.00 <sup>A</sup>	97	103
5/17/2008	125 <sup>A</sup>	3.17 <sup>A</sup>	2.72 <sup>A</sup>	2.97 <sup>A</sup>	0.00 <sup>A</sup>	125	131
5/18/2008	122 <sup>A</sup>	3.16 <sup>A</sup>	2.65 <sup>A</sup>	2.92 <sup>A</sup>	0.09 <sup>A</sup>	122	128
5/19/2008	91 <sup>A</sup>	2.65 <sup>A</sup>	2.32 <sup>A</sup>	2.45 <sup>A</sup>	0.01 <sup>A</sup>	91	97
5/20/2008	75 <sup>A</sup>	2.32 <sup>A</sup>	2.05 <sup>A</sup>	2.19 <sup>A</sup>	0.15 <sup>A</sup>	75	82
5/21/2008	70 <sup>A</sup>	2.30 <sup>A</sup>	1.90 <sup>A</sup>	2.10 <sup>A</sup>	0.01 <sup>A</sup>	70	97
5/22/2008	70 <sup>A</sup>	2.26 <sup>A</sup>	1.90 <sup>A</sup>	2.10 <sup>A</sup>	0.00 <sup>A</sup>	70	99
5/23/2008	80 <sup>A</sup>	2.72 <sup>A</sup>	1.96 <sup>A</sup>	2.26 <sup>A</sup>	0.44 <sup>A</sup>	80	95
5/24/2008	84 <sup>A</sup>	2.74 <sup>A</sup>	1.39 <sup>A</sup>	2.31 <sup>A</sup>	0.00 <sup>A</sup>	84	124
5/25/2008	43 <sup>A</sup>	1.71 <sup>A</sup>	1.39 <sup>A</sup>	1.59 <sup>A</sup>	0.00 <sup>A</sup>	43	83
5/26/2008	43 <sup>A</sup>	1.67 <sup>A</sup>	1.46 <sup>A</sup>	1.59 <sup>A</sup>	0.00 <sup>A</sup>	43	91
5/27/2008	41 <sup>A</sup>	1.68 <sup>A</sup>	1.33 <sup>A</sup>	1.54 <sup>A</sup>	0.00 <sup>A</sup>	41	79
5/28/2008	43 <sup>A</sup>	1.83 <sup>A</sup>	1.34 <sup>A</sup>	1.59 <sup>A</sup>	0.00 <sup>A</sup>	43	53
5/29/2008	49 <sup>A</sup>	1.84 <sup>A</sup>	1.61 <sup>A</sup>	1.71 <sup>A</sup>	0.00 <sup>A</sup>	49	57
5/30/2008	44 <sup>A</sup>	1.65 <sup>A</sup>	1.56 <sup>A</sup>	1.60 <sup>A</sup>	0.00 <sup>A</sup>	44	53
5/31/2008	44 <sup>A</sup>	1.61 <sup>A</sup>	1.58 <sup>A</sup>	1.60 <sup>A</sup>	0.00 <sup>A</sup>	44	56
6/1/2008	43 <sup>A</sup>	1.60 <sup>A</sup>	1.57 <sup>A</sup>	1.58 <sup>A</sup>	0.00 <sup>A</sup>	43	56
6/2/2008	43 <sup>A</sup>	1.61 <sup>A</sup>	1.52 <sup>A</sup>	1.58 <sup>A</sup>	0.00 <sup>A</sup>	43	52
6/3/2008	39 <sup>A</sup>	1.56 <sup>A</sup>	1.45 <sup>A</sup>	1.50 <sup>A</sup>	0.00 <sup>A</sup>	39	46
6/4/2008	34 <sup>A</sup>	1.48 <sup>A</sup>	1.33 <sup>A</sup>	1.40 <sup>A</sup>	0.00 <sup>A</sup>	34	43
6/5/2008	29 <sup>A</sup>	1.40 <sup>A</sup>	1.19 <sup>A</sup>	1.27 <sup>A</sup>	0.00 <sup>A</sup>	29	40
6/6/2008	27 <sup>A</sup>	1.28 <sup>A</sup>	1.16 <sup>A</sup>	1.22 <sup>A</sup>	0.00 <sup>A</sup>	27	37
6/7/2008	28 <sup>A</sup>	1.29 <sup>A</sup>	1.21 <sup>A</sup>	1.25 <sup>A</sup>	0.00 <sup>A</sup>	28	35
6/8/2008	29 <sup>A</sup>	1.31 <sup>A</sup>	1.16 <sup>A</sup>	1.26 <sup>A</sup>	0.00 <sup>A</sup>	29	36
6/9/2008	21 <sup>A</sup>	1.19 <sup>A</sup>	0.98 <sup>A</sup>	1.09 <sup>A</sup>	0.00 <sup>A</sup>	21	32
6/10/2008	17 <sup>A</sup>	1.10 <sup>A</sup>	0.94 <sup>A</sup>	1.00 <sup>A</sup>	0.00 <sup>A</sup>	17	30
6/11/2008	15 <sup>A</sup>	1.09 <sup>A</sup>	0.86 <sup>A</sup>	0.95 <sup>A</sup>	0.01 <sup>A</sup>	15	26
6/12/2008	24 <sup>A</sup>	1.30 <sup>A</sup>	1.04 <sup>A</sup>	1.17 <sup>A</sup>	0.10 <sup>A</sup>	24	34
6/13/2008	29 <sup>A</sup>	1.38 <sup>A</sup>	0.79 <sup>A</sup>	1.27 <sup>A</sup>	0.00 <sup>A</sup>	29	40
6/14/2008	30 <sup>A</sup>	1.32 <sup>A</sup>	1.21 <sup>A</sup>	1.29 <sup>A</sup>	0.03 <sup>A</sup>	30	41
6/15/2008	29 <sup>A</sup>	1.43 <sup>A</sup>	1.14 <sup>A</sup>	1.28 <sup>A</sup>	0.00 <sup>A</sup>	29	37
6/16/2008	28 <sup>A</sup>	1.46 <sup>A</sup>	1.14 <sup>A</sup>	1.25 <sup>A</sup>	0.00 <sup>A</sup>	28	35

Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
6/17/2008	32 <sup>A</sup>	1.50 <sup>A</sup>	1.17 <sup>A</sup>	1.33 <sup>A</sup>	0.00 <sup>A</sup>	32	43
6/18/2008	22 <sup>A</sup>	1.17 <sup>A</sup>	0.97 <sup>A</sup>	1.11 <sup>A</sup>	0.00 <sup>A</sup>	22	35
6/19/2008	15 <sup>A</sup>	0.98 <sup>A</sup>	0.88 <sup>A</sup>	0.94 <sup>A</sup>	0.00 <sup>A</sup>	15	28
6/20/2008	13 <sup>A</sup>	0.93 <sup>A</sup>	0.77 <sup>A</sup>	0.89 <sup>A</sup>	0.00 <sup>A</sup>	13	26
6/21/2008	8.9 <sup>A</sup>	0.83 <sup>A</sup>	0.73 <sup>A</sup>	0.77 <sup>A</sup>	0.17 <sup>A</sup>	8.9	22
6/22/2008	14 <sup>A</sup>	1.03 <sup>A</sup>	0.75 <sup>A</sup>	0.91 <sup>A</sup>	0.22 <sup>A</sup>	14	23
6/23/2008	23 <sup>A</sup>	1.21 <sup>A</sup>	1.03 <sup>A</sup>	1.14 <sup>A</sup>	0.01 <sup>A</sup>	23	35
6/24/2008	24 <sup>A</sup>	1.23 <sup>A</sup>	1.09 <sup>A</sup>	1.16 <sup>A</sup>	0.00 <sup>A</sup>	24	37
6/25/2008	17 <sup>A</sup>	1.09 <sup>A</sup>	0.84 <sup>A</sup>	1.00 <sup>A</sup>	0.00 <sup>A</sup>	17	30
6/26/2008	12 <sup>A</sup>	0.95 <sup>A</sup>	0.78 <sup>A</sup>	0.85 <sup>A</sup>	0.04 <sup>A</sup>	12	23
6/27/2008	14 <sup>A</sup>	0.97 <sup>A</sup>	0.80 <sup>A</sup>	0.91 <sup>A</sup>	0.08 <sup>A</sup>	14	23
6/28/2008	15 <sup>A</sup>	0.98 <sup>A</sup>	0.89 <sup>A</sup>	0.93 <sup>A</sup>	0.06 <sup>A</sup>	15	22
6/29/2008	18 <sup>A</sup>	1.44 <sup>A</sup>	0.84 <sup>A</sup>	1.00 <sup>A</sup>	0.22 <sup>A</sup>	18	25
6/30/2008	38 <sup>A</sup>	1.56 <sup>A</sup>	1.41 <sup>A</sup>	1.48 <sup>A</sup>	0.00 <sup>A</sup>	38	49
7/1/2008	31 <sup>A</sup>	1.47 <sup>A</sup>	1.20 <sup>A</sup>	1.32 <sup>A</sup>	0.00 <sup>A</sup>	31	44
7/2/2008	25 <sup>A</sup>	1.34 <sup>A</sup>	1.02 <sup>A</sup>	1.18 <sup>A</sup>	0.00 <sup>A</sup>	25	38
7/3/2008	13 <sup>A</sup>	1.02 <sup>A</sup>	0.75 <sup>A</sup>	0.90 <sup>A</sup>	0.00 <sup>A</sup>	13	26
7/4/2008	7.8 <sup>A</sup>	0.76 <sup>A</sup>	0.68 <sup>A</sup>	0.74 <sup>A</sup>	0.00 <sup>A</sup>	7.8	21
7/5/2008	11 <sup>A</sup>	1.12 <sup>A</sup>	0.67 <sup>A</sup>	0.82 <sup>A</sup>	0.38 <sup>A</sup>	11	22
7/6/2008	19 <sup>A</sup>	1.22 <sup>A</sup>	0.90 <sup>A</sup>	1.04 <sup>A</sup>	0.05 <sup>A</sup>	19	28
7/7/2008	14 <sup>A</sup>	1.00 <sup>A</sup>	0.82 <sup>A</sup>	0.92 <sup>A</sup>	0.00 <sup>A</sup>	14	26
7/8/2008	11 <sup>A</sup>	0.96 <sup>A</sup>	0.72 <sup>A</sup>	0.83 <sup>A</sup>	0.94 <sup>A</sup>	11	24
7/9/2008	19 <sup>A</sup>	1.21 <sup>A</sup>	0.84 <sup>A</sup>	1.04 <sup>A</sup>	0.55 <sup>A</sup>	19	27
7/10/2008	33 <sup>A</sup>	1.85 <sup>A</sup>	1.08 <sup>A</sup>	1.37 <sup>A</sup>	0.78 <sup>A</sup>	33	41
7/11/2008	40 <sup>A</sup>	1.61 <sup>A</sup>	1.38 <sup>A</sup>	1.52 <sup>A</sup>	0.01 <sup>A</sup>	40	67
7/12/2008	47 <sup>A</sup>	1.86 <sup>A</sup>	1.28 <sup>A</sup>	1.66 <sup>A</sup>	0.00 <sup>A</sup>	47	93
7/13/2008	41 <sup>A</sup>	1.68 <sup>A</sup>	1.18 <sup>A</sup>	1.54 <sup>A</sup>	0.40 <sup>A</sup>	41	90
7/14/2008	43 <sup>A</sup>	1.64 <sup>A</sup>	1.53 <sup>A</sup>	1.57 <sup>A</sup>	0.00 <sup>A</sup>	43	55
7/15/2008	47 <sup>A</sup>	1.74 <sup>A</sup>	1.54 <sup>A</sup>	1.66 <sup>A</sup>	0.00 <sup>A</sup>	47	60
7/16/2008	35 <sup>A</sup>	1.66 <sup>A</sup>	1.19 <sup>A</sup>	1.41 <sup>A</sup>	0.00 <sup>A</sup>	35	48
7/17/2008	22 <sup>A</sup>	1.20 <sup>A</sup>	1.02 <sup>A</sup>	1.11 <sup>A</sup>	0.00 <sup>A</sup>	22	35
7/18/2008	15 <sup>A</sup>	1.02 <sup>A</sup>	0.86 <sup>A</sup>	0.96 <sup>A</sup>	0.00 <sup>A</sup>	15	28
7/19/2008	11 <sup>A</sup>	0.90 <sup>A</sup>	0.75 <sup>A</sup>	0.84 <sup>A</sup>	0.00 <sup>A</sup>	11	24
7/20/2008	7.4 <sup>A</sup>	0.75 <sup>A</sup>	0.69 <sup>A</sup>	0.72 <sup>A</sup>	0.00 <sup>A</sup>	7.4	21
7/21/2008	8.7 <sup>A</sup>	0.92 <sup>A</sup>	0.66 <sup>A</sup>	0.76 <sup>A</sup>	0.69 <sup>A</sup>	8.7	22
7/22/2008	11 <sup>A</sup>	0.93 <sup>A</sup>	0.71 <sup>A</sup>	0.82 <sup>A</sup>	0.01 <sup>A</sup>	11	21
7/23/2008	12 <sup>A</sup>	0.91 <sup>A</sup>	0.79 <sup>A</sup>	0.86 <sup>A</sup>	0.00 <sup>A</sup>	12	19
7/24/2008	33 <sup>A</sup>	1.90 <sup>A</sup>	0.86 <sup>A</sup>	1.36 <sup>A</sup>	0.00 <sup>A</sup>	33	65
7/25/2008	36 <sup>A</sup>	1.67 <sup>A</sup>	1.18 <sup>A</sup>	1.42 <sup>A</sup>	0.00 <sup>A</sup>	36	55
7/26/2008	35 <sup>A</sup>	1.59 <sup>A</sup>	1.29 <sup>A</sup>	1.40 <sup>A</sup>	0.20 <sup>A</sup>	35	42
7/27/2008	25 <sup>A</sup>	1.30 <sup>A</sup>	1.10 <sup>A</sup>	1.19 <sup>A</sup>	0.00 <sup>A</sup>	25	37
7/28/2008	15 <sup>A</sup>	1.10 <sup>A</sup>	0.83 <sup>A</sup>	0.95 <sup>A</sup>	0.03 <sup>A</sup>	15	28
7/29/2008	12 <sup>A</sup>	0.99 <sup>A</sup>	0.78 <sup>A</sup>	0.86 <sup>A</sup>	0.04 <sup>A</sup>	12	24
7/30/2008	13 <sup>A</sup>	1.01 <sup>A</sup>	0.73 <sup>A</sup>	0.89 <sup>A</sup>	0.01 <sup>A</sup>	13	23
7/31/2008	38 <sup>A</sup>	1.83 <sup>A</sup>	1.00 <sup>A</sup>	1.47 <sup>A</sup>	0.11 <sup>A</sup>	38	81
8/1/2008	32 <sup>A</sup>	1.50 <sup>A</sup>	1.13 <sup>A</sup>	1.35 <sup>A</sup>	0.01 <sup>A</sup>	32	59
8/2/2008	32 <sup>A</sup>	1.49 <sup>A</sup>	1.04 <sup>A</sup>	1.35 <sup>A</sup>	0.06 <sup>A</sup>	32	44
8/3/2008	26 <sup>A</sup>	1.36 <sup>A</sup>	1.00 <sup>A</sup>	1.20 <sup>A</sup>	0.00 <sup>A</sup>	26	38

Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
8/4/2008	13 <sup>A</sup>	1.00 <sup>A</sup>	0.77 <sup>A</sup>	0.88 <sup>A</sup>	0.00 <sup>A</sup>	13	27
8/5/2008	9.8 <sup>A</sup>	0.89 <sup>A</sup>	0.73 <sup>A</sup>	0.80 <sup>A</sup>	0.00 <sup>A</sup>	9.8	24
8/6/2008	8.9 <sup>A</sup>	0.92 <sup>A</sup>	0.64 <sup>A</sup>	0.76 <sup>A</sup>	0.00 <sup>A</sup>	8.9	23
8/7/2008	7.5 <sup>A</sup>	0.85 <sup>A</sup>	0.63 <sup>A</sup>	0.72 <sup>A</sup>	0.00 <sup>A</sup>	7.5	19
8/8/2008	6.1 <sup>A</sup>	0.79 <sup>A</sup>	0.62 <sup>A</sup>	0.67 <sup>A</sup>	0.00 <sup>A</sup>	6.1	18
8/9/2008	6.1 <sup>A</sup>	0.75 <sup>A</sup>	0.61 <sup>A</sup>	0.67 <sup>A</sup>	0.00 <sup>A</sup>	6.1	17
8/10/2008	9.4 <sup>A</sup>	0.85 <sup>A</sup>	0.73 <sup>A</sup>	0.79 <sup>A</sup>	0.00 <sup>A</sup>	9.4	17
8/11/2008	5.9 <sup>A</sup>	0.76 <sup>A</sup>	0.61 <sup>A</sup>	0.67 <sup>A</sup>	0.00 <sup>A</sup>	5.9	18
8/12/2008	4.2 <sup>A</sup>	0.61 <sup>A</sup>	0.60 <sup>A</sup>	0.60 <sup>A</sup>	0.10 <sup>A</sup>	4.2	15
8/13/2008	5.7 <sup>A</sup>	0.71 <sup>A</sup>	0.60 <sup>A</sup>	0.66 <sup>A</sup>	0.57 <sup>A</sup>	5.7	13
8/14/2008	5.8 <sup>A</sup>	0.73 <sup>A</sup>	0.61 <sup>A</sup>	0.66 <sup>A</sup>	0.08 <sup>A</sup>	5.8	15
8/15/2008	4.4 <sup>A</sup>	0.61 <sup>A</sup>	0.61 <sup>A</sup>	0.61 <sup>A</sup>	0.00 <sup>A</sup>	4.4	15
8/16/2008	4.9 <sup>A</sup>	0.68 <sup>A</sup>	0.61 <sup>A</sup>	0.63 <sup>A</sup>	0.15 <sup>A</sup>	4.9	16
8/17/2008	4.7 <sup>A</sup>	0.65 <sup>A</sup>	0.61 <sup>A</sup>	0.62 <sup>A</sup>	0.00 <sup>A</sup>	4.7	16
8/18/2008	4.4 <sup>A</sup>	0.62 <sup>A</sup>	0.61 <sup>A</sup>	0.61 <sup>A</sup>	0.00 <sup>A</sup>	4.4	15
8/19/2008	4.3 <sup>A</sup>	0.61 <sup>A</sup>	0.60 <sup>A</sup>	0.61 <sup>A</sup>	0.00 <sup>A</sup>	4.3	15
8/20/2008	4.1 <sup>A</sup>	0.60 <sup>A</sup>	0.60 <sup>A</sup>	0.60 <sup>A</sup>	0.00 <sup>A</sup>	4.1	15
8/21/2008	4.1 <sup>A</sup>	0.60 <sup>A</sup>	0.60 <sup>A</sup>	0.60 <sup>A</sup>	0.00 <sup>A</sup>	4.1	15
8/22/2008	4.1 <sup>A</sup>	0.60 <sup>A</sup>	0.60 <sup>A</sup>	0.60 <sup>A</sup>	0.03 <sup>A</sup>	4.1	13
8/23/2008	4.2 <sup>A</sup>	0.62 <sup>A</sup>	0.60 <sup>A</sup>	0.60 <sup>A</sup>	0.07 <sup>A</sup>	4.2	12
8/24/2008	5.1 <sup>A</sup>	0.68 <sup>A</sup>	0.62 <sup>A</sup>	0.64 <sup>A</sup>	0.49 <sup>A</sup>	5.1	13
8/25/2008	4.9 <sup>A</sup>	0.68 <sup>A</sup>	0.61 <sup>A</sup>	0.63 <sup>A</sup>	0.51 <sup>A</sup>	4.9	14
8/26/2008	14 <sup>A</sup>	1.42 <sup>A</sup>	0.68 <sup>A</sup>	0.91 <sup>A</sup>	0.44 <sup>A</sup>	14	25
8/27/2008	44 <sup>A</sup>	1.98 <sup>A</sup>	1.25 <sup>A</sup>	1.60 <sup>A</sup>	0.03 <sup>A</sup>	44	99
8/28/2008	122 <sup>A</sup>	3.72 <sup>A</sup>	1.98 <sup>A</sup>	2.88 <sup>A</sup>	0.00 <sup>A</sup>	122	183
8/29/2008	179 <sup>A</sup>	3.96 <sup>A</sup>	2.70 <sup>A</sup>	3.63 <sup>A</sup>	0.00 <sup>A</sup>	179	240
8/30/2008	52 <sup>A</sup>	2.70 <sup>A</sup>	1.28 <sup>A</sup>	1.77 <sup>A</sup>	0.00 <sup>A</sup>	52	106
8/31/2008	35 <sup>A</sup>	1.72 <sup>A</sup>	1.19 <sup>A</sup>	1.46 <sup>A</sup>	0.00 <sup>A</sup>	35	55
9/1/2008	40 <sup>A</sup>	1.69 <sup>A</sup>	1.52 <sup>A</sup>	1.57 <sup>A</sup>	0.07 <sup>A</sup>	40	50
9/2/2008	34 <sup>A</sup>	1.52 <sup>A</sup>	1.34 <sup>A</sup>	1.44 <sup>A</sup>	0.01 <sup>A</sup>	34	44
9/3/2008	27 <sup>A</sup>	1.35 <sup>A</sup>	1.20 <sup>A</sup>	1.29 <sup>A</sup>	0.00 <sup>A</sup>	27	37
9/4/2008	22 <sup>A</sup>	1.22 <sup>A</sup>	1.07 <sup>A</sup>	1.17 <sup>A</sup>	0.00 <sup>A</sup>	22	32
9/5/2008	16 <sup>A</sup>	1.08 <sup>A</sup>	0.97 <sup>A</sup>	1.04 <sup>A</sup>	0.00 <sup>A</sup>	16	26
9/6/2008	13 <sup>A</sup>	0.97 <sup>A</sup>	0.90 <sup>A</sup>	0.94 <sup>A</sup>	0.00 <sup>A</sup>	13	23
9/7/2008	11 <sup>A</sup>	0.92 <sup>A</sup>	0.82 <sup>A</sup>	0.88 <sup>A</sup>	0.00 <sup>A</sup>	11	21
9/8/2008	9.5 <sup>A</sup>	0.88 <sup>A</sup>	0.81 <sup>A</sup>	0.85 <sup>A</sup>	0.00 <sup>A</sup>	9.5	19
9/9/2008	12 <sup>A</sup>	0.97 <sup>A</sup>	0.87 <sup>A</sup>	0.92 <sup>A</sup>	0.40 <sup>A</sup>	12	19
9/10/2008	13 <sup>A</sup>	1.14 <sup>A</sup>	0.84 <sup>A</sup>	0.94 <sup>A</sup>	1.59 <sup>A</sup>	13	20
9/11/2008	14 <sup>A</sup>	1.10 <sup>A</sup>	0.89 <sup>A</sup>	0.97 <sup>A</sup>	0.07 <sup>A</sup>	14	24
9/12/2008	15 <sup>A</sup>	1.10 <sup>A</sup>	0.92 <sup>A</sup>	1.01 <sup>A</sup>	0.00 <sup>A</sup>	15	25
9/13/2008	11 <sup>A</sup>	0.94 <sup>A</sup>	0.88 <sup>A</sup>	0.91 <sup>A</sup>	0.00 <sup>A</sup>	11	18
9/14/2008	11 <sup>A</sup>	0.96 <sup>A</sup>	0.82 <sup>A</sup>	0.90 <sup>A</sup>	0.00 <sup>A</sup>	11	21
9/15/2008	7.9 <sup>A</sup>	0.82 <sup>A</sup>	0.77 <sup>A</sup>	0.80 <sup>A</sup>	0.00 <sup>A</sup>	7.9	15
9/16/2008	8.4 <sup>A</sup>	0.87 <sup>A</sup>	0.74 <sup>A</sup>	0.82 <sup>A</sup>	0.00 <sup>A</sup>	8.4	19
9/17/2008	7.1 <sup>A</sup>	0.82 <sup>A</sup>	0.71 <sup>A</sup>	0.77 <sup>A</sup>	0.00 <sup>A</sup>	7.1	17
9/18/2008	6.3 <sup>A</sup>	0.79 <sup>A</sup>	0.70 <sup>A</sup>	0.75 <sup>A</sup>	0.00 <sup>A</sup>	6.3	16
9/19/2008	5.1 <sup>A</sup>	0.74 <sup>A</sup>	0.65 <sup>A</sup>	0.70 <sup>A</sup>	0.00 <sup>A</sup>	5.1	15
9/20/2008	5.4 <sup>A</sup>	0.76 <sup>A</sup>	0.65 <sup>A</sup>	0.71 <sup>A</sup>	0.00 <sup>A</sup>	5.4	16

Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
9/21/2008	3.0 <sup>A e</sup>				0.00 <sup>A</sup>	3.0	13
9/22/2008	4.0 <sup>A e</sup>				0.00 <sup>A</sup>	4.0	11
9/23/2008	4.4 <sup>A e</sup>				0.00 <sup>A</sup>	4.4	15
9/24/2008	4.2 <sup>A e</sup>				0.00 <sup>A</sup>	4.2	14
9/25/2008	3.9 <sup>A</sup>	0.69 <sup>A</sup>	0.61 <sup>A</sup>	0.65 <sup>A</sup>	0.00 <sup>A</sup>	3.9	14
9/26/2008	3.6 <sup>A</sup>	0.68 <sup>A</sup>	0.59 <sup>A</sup>	0.64 <sup>A</sup>	0.00 <sup>A</sup>	3.6	14
9/27/2008	2.6 <sup>A</sup>	0.63 <sup>A</sup>	0.57 <sup>A</sup>	0.59 <sup>A</sup>	0.00 <sup>A</sup>	2.6	13
9/28/2008	2.4 <sup>A</sup>	0.61 <sup>A</sup>	0.57 <sup>A</sup>	0.58 <sup>A</sup>	0.00 <sup>A</sup>	2.4	9
9/29/2008	2.3 <sup>A</sup>	0.66 <sup>A</sup>	0.54 <sup>A</sup>	0.58 <sup>A</sup>	0.00 <sup>A</sup>	2.3	9
9/30/2008	3.0 <sup>A</sup>	0.66 <sup>A</sup>	0.55 <sup>A</sup>	0.61 <sup>A</sup>	0.00 <sup>A</sup>	3	13
10/1/2008	3.3 <sup>A</sup>	0.73 <sup>A</sup>	0.54 <sup>A</sup>	0.62 <sup>A</sup>	0.00 <sup>A</sup>	3.3	12
10/2/2008	3.2 <sup>A</sup>	0.72 <sup>A</sup>	0.55 <sup>A</sup>	0.62 <sup>A</sup>	0.00 <sup>A</sup>	3.2	10
10/3/2008	1.4 <sup>A</sup>	0.55 <sup>A</sup>	0.51 <sup>A</sup>	0.52 <sup>A</sup>	0.00 <sup>A</sup>	1.4	8
10/4/2008	1.2 <sup>A</sup>			0.51 <sup>A</sup>	0.00 <sup>A</sup>	1.2	11
10/5/2008	2.5 <sup>A</sup>			0.59 <sup>A</sup>	0.00 <sup>A</sup>	2.5	10
10/6/2008	3.1 <sup>A</sup>	0.62 <sup>A</sup>	0.59 <sup>A</sup>	0.61 <sup>A</sup>	0.00 <sup>A</sup>	3.1	10
10/7/2008	2.2 <sup>A</sup>	0.59 <sup>A</sup>	0.57 <sup>A</sup>	0.57 <sup>A</sup>	0.00 <sup>A</sup>	2.2	9
10/8/2008	10 <sup>A</sup>	1.37 <sup>A</sup>	0.55 <sup>A</sup>	0.82 <sup>A</sup>	3.56 <sup>A</sup>	10	17
10/9/2008	66 <sup>A</sup>	2.44 <sup>A</sup>	1.37 <sup>A</sup>	2.08 <sup>A</sup>	0.70 <sup>A</sup>	66	123
10/10/2008	83 <sup>A</sup>	3.12 <sup>A</sup>	1.84 <sup>A</sup>	2.36 <sup>A</sup>	0.00 <sup>A</sup>	83	143
10/11/2008	153 <sup>A</sup>	3.57 <sup>A</sup>	2.98 <sup>A</sup>	3.39 <sup>A</sup>	0.00 <sup>A</sup>	153	208
10/12/2008	61 <sup>A</sup>	2.98 <sup>A</sup>	1.27 <sup>A</sup>	1.96 <sup>A</sup>	0.01 <sup>A</sup>	61	109
10/13/2008	32 <sup>A</sup>	1.65 <sup>A</sup>	1.02 <sup>A</sup>	1.41 <sup>A</sup>	0.00 <sup>A</sup>	32	91
10/14/2008	33 <sup>A</sup>	1.59 <sup>A</sup>	1.20 <sup>A</sup>	1.42 <sup>A</sup>	0.00 <sup>A</sup>	33	46
10/15/2008	31 <sup>A</sup>	1.48 <sup>A</sup>	1.30 <sup>A</sup>	1.38 <sup>A</sup>	0.00 <sup>A</sup>	31	44
10/16/2008	28 <sup>A</sup>	1.35 <sup>A</sup>	1.24 <sup>A</sup>	1.31 <sup>A</sup>	0.00 <sup>A</sup>	28	41
10/17/2008	29 <sup>A</sup>	1.53 <sup>A</sup>	1.24 <sup>A</sup>	1.33 <sup>A</sup>	0.99 <sup>A</sup>	29	40
10/18/2008	40 <sup>A</sup>	1.77 <sup>A</sup>	1.38 <sup>A</sup>	1.58 <sup>A</sup>	0.00 <sup>A</sup>	40	56
10/19/2008	44 <sup>A</sup>	1.85 <sup>A</sup>	1.39 <sup>A</sup>	1.66 <sup>A</sup>	0.00 <sup>A</sup>	44	67
10/20/2008	33 <sup>A</sup>	1.64 <sup>A</sup>	1.23 <sup>A</sup>	1.43 <sup>A</sup>	0.00 <sup>A</sup>	33	47
10/21/2008	33 <sup>A</sup>	1.47 <sup>A</sup>	1.38 <sup>A</sup>	1.42 <sup>A</sup>	0.00 <sup>A</sup>	33	44
10/22/2008	29 <sup>A</sup>	1.39 <sup>A</sup>	1.29 <sup>A</sup>	1.33 <sup>A</sup>	0.00 <sup>A</sup>	29	40
10/23/2008	27 <sup>A</sup>	1.33 <sup>A</sup>	1.23 <sup>A</sup>	1.29 <sup>A</sup>	0.00 <sup>A</sup>	27	38
10/24/2008	27 <sup>A</sup>	1.35 <sup>A</sup>	1.22 <sup>A</sup>	1.29 <sup>A</sup>	0.42 <sup>A</sup>	27	38
10/25/2008	29 <sup>A</sup>	1.38 <sup>A</sup>	1.27 <sup>A</sup>	1.34 <sup>A</sup>	0.02 <sup>A</sup>	29	36
10/26/2008	37 <sup>A</sup>	1.69 <sup>A</sup>	1.33 <sup>A</sup>	1.52 <sup>A</sup>	0.00 <sup>A</sup>	37	44
10/27/2008	43 <sup>A</sup>	1.72 <sup>A</sup>	1.54 <sup>A</sup>	1.65 <sup>A</sup>	0.00 <sup>A</sup>	43	54
10/28/2008	31 <sup>A</sup>	1.54 <sup>A</sup>	1.24 <sup>A</sup>	1.37 <sup>A</sup>	0.00 <sup>A</sup>	31	42
10/29/2008	23 <sup>A</sup>	1.24 <sup>A</sup>	1.15 <sup>A</sup>	1.19 <sup>A</sup>	0.00 <sup>A</sup>	23	34
10/30/2008	22 <sup>A</sup>	1.19 <sup>A</sup>	1.14 <sup>A</sup>	1.17 <sup>A</sup>	0.00 <sup>A</sup>	22	33
10/31/2008	22 <sup>A</sup>	1.21 <sup>A</sup>	1.12 <sup>A</sup>	1.17 <sup>A</sup>	0.00 <sup>A</sup>	22	33
11/1/2008	21 <sup>A</sup>	1.19 <sup>A</sup>	1.11 <sup>A</sup>	1.15 <sup>A</sup>	0.00 <sup>A</sup>	21	27
11/2/2008	20 <sup>A</sup>	1.15 <sup>A</sup>	1.09 <sup>A</sup>	1.12 <sup>A</sup>	0.00 <sup>A</sup>	20	26
11/3/2008	20 <sup>A</sup>	1.17 <sup>A</sup>	1.08 <sup>A</sup>	1.13 <sup>A</sup>	0.00 <sup>A</sup>	20	26
11/4/2008	22 <sup>A</sup>	1.23 <sup>A</sup>	1.10 <sup>A</sup>	1.16 <sup>A</sup>	0.00 <sup>A</sup>	22	28
11/5/2008	24 <sup>A</sup>	1.24 <sup>A</sup>	1.19 <sup>A</sup>	1.22 <sup>A</sup>	0.00 <sup>A</sup>	24	30
11/6/2008	22 <sup>A</sup>	1.21 <sup>A</sup>	1.15 <sup>A</sup>	1.18 <sup>A</sup>	0.00 <sup>A</sup>	22	28
11/7/2008	24 <sup>A</sup>	1.26 <sup>A</sup>	1.17 <sup>A</sup>	1.22 <sup>A</sup>	0.06 <sup>A</sup>	24	30

Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
11/8/2008	25 <sup>A</sup>	1.27 <sup>A</sup>	1.21 <sup>A</sup>	1.23 <sup>A</sup>	0.00 <sup>A</sup>	25	31
11/9/2008	28 <sup>A</sup>	1.39 <sup>A</sup>	1.23 <sup>A</sup>	1.31 <sup>A</sup>	0.00 <sup>A</sup>	28	34
11/10/2008	38 <sup>A</sup>	1.60 <sup>A</sup>	1.39 <sup>A</sup>	1.53 <sup>A</sup>	0.00 <sup>A</sup>	38	44
11/11/2008	35 <sup>A</sup>	1.51 <sup>A</sup>	1.41 <sup>A</sup>	1.47 <sup>A</sup>	0.00 <sup>A</sup>	35	41
11/12/2008	32 <sup>A</sup>	1.43 <sup>A</sup>	1.38 <sup>A</sup>	1.41 <sup>A</sup>	0.00 <sup>A</sup>	32	38
11/13/2008	32 <sup>A</sup>	1.45 <sup>A</sup>	1.38 <sup>A</sup>	1.41 <sup>A</sup>	0.06 <sup>A</sup>	32	38
11/14/2008	37 <sup>A</sup>	1.73 <sup>A</sup>	1.38 <sup>A</sup>	1.52 <sup>A</sup>	1.06 <sup>A</sup>	37	43
11/15/2008	37 <sup>A</sup>	1.91 <sup>A</sup>	0.98 <sup>A</sup>	1.51 <sup>A</sup>	0.13 <sup>A</sup>	37	64
11/16/2008	36 <sup>A</sup>	1.76 <sup>A</sup>	1.36 <sup>A</sup>	1.49 <sup>A</sup>	0.00 <sup>A</sup>	36	59
11/17/2008	39 <sup>A</sup>	1.74 <sup>A</sup>	1.40 <sup>A</sup>	1.56 <sup>A</sup>	0.00 <sup>A</sup>	39	60
11/18/2008	38 <sup>A</sup>	1.70 <sup>A</sup>	1.27 <sup>A</sup>	1.53 <sup>A</sup>	0.00 <sup>A</sup>	38	44
11/19/2008	38 <sup>A</sup>	1.59 <sup>A</sup>	1.48 <sup>A</sup>	1.54 <sup>A</sup>	0.00 <sup>A</sup>	38	44
11/20/2008	35 <sup>A</sup>	1.48 <sup>A</sup>	1.45 <sup>A</sup>	1.46 <sup>A</sup>	0.00 <sup>A</sup>	35	41
11/21/2008	34 <sup>A</sup>	1.48 <sup>A</sup>	1.43 <sup>A</sup>	1.46 <sup>A</sup>	0.00 <sup>A</sup>	34	40
11/22/2008	35 <sup>A</sup>	1.50 <sup>A</sup>	1.45 <sup>A</sup>	1.47 <sup>A</sup>	0.00 <sup>A</sup>	35	41
11/23/2008	36 <sup>A</sup>	1.52 <sup>A</sup>	1.44 <sup>A</sup>	1.48 <sup>A</sup>	0.00 <sup>A</sup>	36	42
11/24/2008	37 <sup>A</sup>	1.56 <sup>A</sup>	1.46 <sup>A</sup>	1.51 <sup>A</sup>	0.14 <sup>A</sup>	37	43
11/25/2008	41 <sup>A</sup>	1.65 <sup>A</sup>	1.53 <sup>A</sup>	1.60 <sup>A</sup>	0.00 <sup>A</sup>	41	47
11/26/2008	40 <sup>A</sup>	1.63 <sup>A</sup>	1.52 <sup>A</sup>	1.58 <sup>A</sup>	0.00 <sup>A</sup>	40	46
11/27/2008	43 <sup>A</sup>	1.69 <sup>A</sup>	1.59 <sup>A</sup>	1.64 <sup>A</sup>	0.00 <sup>A</sup>	43	49
11/28/2008	43 <sup>A</sup>	1.71 <sup>A</sup>	1.60 <sup>A</sup>	1.64 <sup>A</sup>	0.04 <sup>A</sup>	43	49
11/29/2008	48 <sup>A</sup>	2.14 <sup>A</sup>	1.60 <sup>A</sup>	1.75 <sup>A</sup>	1.18 <sup>A</sup>	48	69
11/30/2008	80 <sup>A</sup>	2.68 <sup>A</sup>	2.14 <sup>A</sup>	2.33 <sup>A</sup>	0.46 <sup>A</sup>	80	134
12/1/2008	105 <sup>A</sup>	2.86 <sup>A</sup>	2.47 <sup>A</sup>	2.74 <sup>A</sup>	0.01 <sup>A</sup>	105	160
12/2/2008	107 <sup>A</sup>	2.89 <sup>A</sup>	2.44 <sup>A</sup>	2.76 <sup>A</sup>	0.00 <sup>A</sup>	107	162
12/3/2008	64 <sup>A</sup>	2.44 <sup>A</sup>	1.68 <sup>A</sup>	2.04 <sup>A</sup>	0.00 <sup>A</sup>	64	115
12/4/2008	35 <sup>A</sup>	1.68 <sup>A</sup>	1.30 <sup>A</sup>	1.47 <sup>A</sup>	0.14 <sup>A</sup>	35	86
12/5/2008	38 <sup>A</sup>	1.60 <sup>A</sup>	1.44 <sup>A</sup>	1.54 <sup>A</sup>	0.00 <sup>A</sup>	38	74
12/6/2008	37 <sup>A</sup>	1.80 <sup>A</sup>	1.36 <sup>A</sup>	1.51 <sup>A</sup>	0.00 <sup>A</sup>	37	91
12/7/2008	47 <sup>A</sup>	1.80 <sup>A</sup>	1.65 <sup>A</sup>	1.73 <sup>A</sup>	0.00 <sup>A</sup>	47	53
12/8/2008	36 <sup>A</sup>	1.65 <sup>A</sup>	1.36 <sup>A</sup>	1.50 <sup>A</sup>	0.00 <sup>A</sup>	36	64
12/9/2008	34 <sup>A</sup>	1.77 <sup>A</sup>	1.30 <sup>A</sup>	1.44 <sup>A</sup>	0.00 <sup>A</sup>	34	52
12/10/2008	46 <sup>A</sup>	2.02 <sup>A</sup>	1.32 <sup>A</sup>	1.69 <sup>A</sup>	0.90 <sup>A</sup>	46	80
12/11/2008	114 <sup>A</sup>	3.86 <sup>A</sup>	1.48 <sup>A</sup>	2.80 <sup>A</sup>	1.16 <sup>A</sup>	114	173
12/12/2008	301 <sup>A</sup>	5.48 <sup>A</sup>	3.86 <sup>A</sup>	4.68 <sup>A</sup>	0.00 <sup>A</sup>	301	353
12/13/2008	556 <sup>A</sup>	6.58 <sup>A</sup>	5.48 <sup>A</sup>	6.13 <sup>A</sup>	0.00 <sup>A</sup>	556	612
12/14/2008	519 <sup>A</sup>	6.58 <sup>A</sup>	4.90 <sup>A</sup>	5.93 <sup>A</sup>	0.00 <sup>A</sup>	519	578
12/15/2008	221 <sup>A</sup>	4.90 <sup>A</sup>	3.53 <sup>A</sup>	4.09 <sup>A</sup>	0.00 <sup>A</sup>	221	278
12/16/2008	132 <sup>A</sup>	3.93 <sup>A</sup>	2.73 <sup>A</sup>	3.11 <sup>A</sup>	0.00 <sup>A</sup>	132	186
12/17/2008	94 <sup>A</sup>	2.73 <sup>A</sup>	2.39 <sup>A</sup>	2.57 <sup>A</sup>	0.08 <sup>A</sup>	94	141
12/18/2008	74 <sup>A</sup>	2.39 <sup>A</sup>	2.12 <sup>A</sup>	2.23 <sup>A</sup>	0.00 <sup>A</sup>	74	131
12/19/2008	63 <sup>A</sup>	2.12 <sup>A</sup>	1.95 <sup>A</sup>	2.03 <sup>A</sup>	0.00 <sup>A</sup>	63	120
12/20/2008	55 <sup>A</sup>	1.95 <sup>A</sup>	1.80 <sup>A</sup>	1.87 <sup>A</sup>	0.00 <sup>A</sup>	55	104
12/21/2008	55 <sup>A</sup>	2.03 <sup>A</sup>	1.78 <sup>A</sup>	1.88 <sup>A</sup>	0.29 <sup>A</sup>	55	113
12/22/2008	57 <sup>A</sup>	2.05 <sup>A</sup>	1.84 <sup>A</sup>	1.92 <sup>A</sup>	0.00 <sup>A</sup>	57	115
12/23/2008	66 <sup>A</sup>	2.18 <sup>A</sup>	1.89 <sup>A</sup>	2.08 <sup>A</sup>	0.00 <sup>A</sup>	66	117
12/24/2008	43 <sup>A</sup>	1.89 <sup>A</sup>	1.44 <sup>A</sup>	1.64 <sup>A</sup>	0.19 <sup>A</sup>	43	96
12/25/2008	57 <sup>A</sup>	2.33 <sup>A</sup>	1.47 <sup>A</sup>	1.92 <sup>A</sup>	0.32 <sup>A</sup>	57	116

Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
12/26/2008	97 <sup>A</sup>	3.06 <sup>A</sup>	2.33 <sup>A</sup>	2.60 <sup>A</sup>	0.00 <sup>A</sup>	97	152
12/27/2008	123 <sup>A</sup>	3.14 <sup>A</sup>	2.79 <sup>A</sup>	3.00 <sup>A</sup>	0.01 <sup>A</sup>	123	180
12/28/2008	94 <sup>A</sup>	2.79 <sup>A</sup>	2.42 <sup>A</sup>	2.56 <sup>A</sup>	0.06 <sup>A</sup>	94	151
12/29/2008	78 <sup>A</sup>	2.42 <sup>A</sup>	2.21 <sup>A</sup>	2.30 <sup>A</sup>	0.00 <sup>A</sup>	78	135
12/30/2008	64 <sup>A</sup>	2.21 <sup>A</sup>	1.90 <sup>A</sup>	2.04 <sup>A</sup>	0.00 <sup>A</sup>	64	122
12/31/2008	50 <sup>A</sup>	1.90 <sup>A</sup>	1.64 <sup>A</sup>	1.78 <sup>A</sup>	0.00 <sup>A</sup>	50	114
1/1/2009	40 <sup>A</sup>	1.64 <sup>A</sup>	1.54 <sup>A</sup>	1.59 <sup>A</sup>	0.00 <sup>A</sup>	40	105
1/2/2009	34 <sup>A</sup>	1.54 <sup>A</sup>	1.37 <sup>A</sup>	1.44 <sup>A</sup>	0.08 <sup>A</sup>	34	99
1/3/2009	29 <sup>A</sup>	1.43 <sup>A</sup>	1.29 <sup>A</sup>	1.34 <sup>A</sup>	0.13 <sup>A</sup>	29	89
1/4/2009	51 <sup>A</sup>	2.51 <sup>A</sup>	1.40 <sup>A</sup>	1.79 <sup>A</sup>	0.12 <sup>A</sup>	51	96
1/5/2009	64 <sup>A</sup>	2.85 <sup>A</sup>	1.96 <sup>A</sup>	2.04 <sup>A</sup>	0.27 <sup>A</sup>	64	97
1/6/2009	119 <sup>A</sup>	3.61 <sup>A</sup>	2.32 <sup>A</sup>	2.92 <sup>A</sup>	0.19 <sup>A</sup>	119	144
1/7/2009	226 <sup>A</sup>	5.02 <sup>A</sup>	3.61 <sup>A</sup>	4.11 <sup>A</sup>	0.99 <sup>A</sup>	226	283
1/8/2009	459 <sup>A</sup>	5.97 <sup>A</sup>	5.02 <sup>A</sup>	5.64 <sup>A</sup>	0.00 <sup>A</sup>	459	516
1/9/2009	558 <sup>A</sup>	6.31 <sup>A</sup>	5.97 <sup>A</sup>	6.14 <sup>A</sup>	0.00 <sup>A</sup>	558	579
1/10/2009	425 <sup>A</sup>	6.17 <sup>A</sup>	4.77 <sup>A</sup>	5.44 <sup>A</sup>	0.09 <sup>A</sup>	425	431
1/11/2009	260 <sup>A</sup>	4.77 <sup>A</sup>	4.19 <sup>A</sup>	4.43 <sup>A</sup>	0.10 <sup>A</sup>	260	266
1/12/2009	221 <sup>A</sup>	4.25 <sup>A</sup>	4.05 <sup>A</sup>	4.12 <sup>A</sup>	0.00 <sup>A</sup>	221	227
1/13/2009	192 <sup>A</sup>	4.28 <sup>A</sup>	3.28 <sup>A</sup>	3.81 <sup>A</sup>	0.00 <sup>A</sup>	192	246
1/14/2009	124 <sup>A</sup>	3.28 <sup>A</sup>	2.80 <sup>A</sup>	3.01 <sup>A</sup>	0.01 <sup>A</sup>	124	179
1/15/2009	96 <sup>A</sup>	2.80 <sup>A</sup>	2.42 <sup>A</sup>	2.59 <sup>A</sup>	0.00 <sup>A</sup>	96	157
1/16/2009	76 <sup>A</sup>	2.42 <sup>A</sup>	2.14 <sup>A</sup>	2.27 <sup>A</sup>	0.00 <sup>A</sup>	76	138
1/17/2009	64 <sup>A</sup>	2.14 <sup>A</sup>	1.97 <sup>A</sup>	2.05 <sup>A</sup>	0.00 <sup>A</sup>	64	124
1/18/2009	61 <sup>A</sup>	2.05 <sup>A</sup>	1.98 <sup>A</sup>	2.00 <sup>A</sup>	0.18 <sup>A</sup>	61	115
1/19/2009	64 <sup>A</sup>	2.09 <sup>A</sup>	2.00 <sup>A</sup>	2.04 <sup>A</sup>	0.00 <sup>A</sup>	64	118
1/20/2009	90 <sup>A</sup>	2.83 <sup>A</sup>	1.99 <sup>A</sup>	2.48 <sup>A</sup>	0.00 <sup>A</sup>	90	98
1/21/2009	104 <sup>A</sup>	2.80 <sup>A</sup>	2.67 <sup>A</sup>	2.72 <sup>A</sup>	0.00 <sup>A</sup>	104	113
1/22/2009	99 <sup>A</sup>	2.67 <sup>A</sup>	2.62 <sup>A</sup>	2.64 <sup>A</sup>	0.00 <sup>A</sup>	99	106
1/23/2009	97 <sup>A</sup>	2.63 <sup>A</sup>	2.58 <sup>A</sup>	2.61 <sup>A</sup>	0.00 <sup>A</sup>	97	103
1/24/2009	99 <sup>A</sup>	2.68 <sup>A</sup>	2.60 <sup>A</sup>	2.65 <sup>A</sup>	0.19 <sup>A</sup>	99	105
1/25/2009	100 <sup>A</sup>	2.71 <sup>A</sup>	2.61 <sup>A</sup>	2.66 <sup>A</sup>	0.00 <sup>A</sup>	100	106
1/26/2009	97 <sup>A</sup>	2.65 <sup>A</sup>	2.59 <sup>A</sup>	2.62 <sup>A</sup>	0.00 <sup>A</sup>	97	103
1/27/2009	94 <sup>A</sup>	2.60 <sup>A</sup>	2.54 <sup>A</sup>	2.57 <sup>A</sup>	0.00 <sup>A</sup>	94	100
1/28/2009	94 <sup>A</sup>	2.62 <sup>A</sup>	2.55 <sup>A</sup>	2.57 <sup>A</sup>	0.16 <sup>A</sup>	94	100
1/29/2009	99 <sup>A</sup>	2.67 <sup>A</sup>	2.62 <sup>A</sup>	2.64 <sup>A</sup>	0.00 <sup>A</sup>	99	105
1/30/2009	99 <sup>A</sup>	2.67 <sup>A</sup>	2.60 <sup>A</sup>	2.64 <sup>A</sup>	0.00 <sup>A</sup>	99	105
1/31/2009	94 <sup>A</sup>	2.62 <sup>A</sup>	2.49 <sup>A</sup>	2.56 <sup>A</sup>	0.00 <sup>A</sup>	94	100
2/1/2009	86 <sup>A</sup>	2.49 <sup>A</sup>	2.38 <sup>A</sup>	2.43 <sup>A</sup>	0.00 <sup>A</sup>	86	92
2/2/2009	84 <sup>A</sup>	2.43 <sup>A</sup>	2.37 <sup>A</sup>	2.40 <sup>A</sup>	0.21 <sup>A</sup>	84	90
2/3/2009	88 <sup>A</sup>	2.49 <sup>A</sup>	2.43 <sup>A</sup>	2.47 <sup>A</sup>	0.00 <sup>A</sup>	88	94
2/4/2009	85 <sup>A</sup>	2.46 <sup>A</sup>	2.35 <sup>A</sup>	2.41 <sup>A</sup>	0.00 <sup>A</sup>	85	91
2/5/2009	79 <sup>A</sup>	2.42 <sup>A</sup>	2.27 <sup>A</sup>	2.32 <sup>A</sup>	0.00 <sup>A</sup>	79	88
2/6/2009	75 <sup>A</sup>	2.28 <sup>A</sup>	2.21 <sup>A</sup>	2.25 <sup>A</sup>	0.00 <sup>A</sup>	75	81
2/7/2009	74 <sup>A</sup>	2.26 <sup>A</sup>	2.20 <sup>A</sup>	2.23 <sup>A</sup>	0.00 <sup>A</sup>	74	80
2/8/2009	75 <sup>A</sup>	2.28 <sup>A</sup>	2.22 <sup>A</sup>	2.25 <sup>A</sup>	0.00 <sup>A</sup>	75	81
2/9/2009	66 <sup>A</sup>	2.30 <sup>A</sup>	1.87 <sup>A</sup>	2.08 <sup>A</sup>	0.00 <sup>A</sup>	66	72
2/10/2009	65 <sup>A</sup>	2.28 <sup>A</sup>	1.88 <sup>A</sup>	2.07 <sup>A</sup>	0.00 <sup>A</sup>	65	91
2/11/2009	66 <sup>A</sup>	2.28 <sup>A</sup>	1.82 <sup>A</sup>	2.09 <sup>A</sup>	0.00 <sup>A</sup>	66	88



Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
2/12/2009	58 <sup>A</sup>	1.99 <sup>A</sup>	1.88 <sup>A</sup>	1.94 <sup>A</sup>	0.00 <sup>A</sup>	58	84
2/13/2009	58 <sup>A</sup>	2.00 <sup>A</sup>	1.88 <sup>A</sup>	1.94 <sup>A</sup>	0.00 <sup>A</sup>	58	83
2/14/2009	55 <sup>A</sup>	1.91 <sup>A</sup>	1.85 <sup>A</sup>	1.88 <sup>A</sup>	0.00 <sup>A</sup>	55	86
2/15/2009	54 <sup>A</sup>	1.88 <sup>A</sup>	1.85 <sup>A</sup>	1.87 <sup>A</sup>	0.00 <sup>A</sup>	54	75
2/16/2009	55 <sup>A</sup>	1.92 <sup>A</sup>	1.83 <sup>A</sup>	1.88 <sup>A</sup>	0.00 <sup>A</sup>	55	81
2/17/2009	54 <sup>A</sup>	1.88 <sup>A</sup>	1.83 <sup>A</sup>	1.86 <sup>A</sup>	0.00 <sup>A</sup>	54	79
2/18/2009	52 <sup>A</sup>	2.01 <sup>A</sup>	1.67 <sup>A</sup>	1.82 <sup>A</sup>	1.12 <sup>A</sup>	52	94
2/19/2009	111 <sup>A</sup>	3.41 <sup>A</sup>	1.99 <sup>A</sup>	2.79 <sup>A</sup>	0.00 <sup>A</sup>	111	168
2/20/2009	185 <sup>A</sup>	3.92 <sup>A</sup>	3.41 <sup>A</sup>	3.77 <sup>A</sup>	0.00 <sup>A</sup>	185	243
2/21/2009	145 <sup>A</sup>	3.81 <sup>A</sup>	2.80 <sup>A</sup>	3.29 <sup>A</sup>	0.00 <sup>A</sup>	145	203
2/22/2009	90 <sup>A</sup>	2.80 <sup>A</sup>	2.25 <sup>A</sup>	2.49 <sup>A</sup>	0.00 <sup>A</sup>	90	142
2/23/2009	65 <sup>A</sup>	2.25 <sup>A</sup>	1.88 <sup>A</sup>	2.06 <sup>A</sup>	0.00 <sup>A</sup>	65	116
2/24/2009	55 <sup>A</sup>	1.96 <sup>A</sup>	1.76 <sup>A</sup>	1.87 <sup>A</sup>	0.00 <sup>A</sup>	55	106
2/25/2009	53 <sup>A</sup>	1.91 <sup>A</sup>	1.75 <sup>A</sup>	1.85 <sup>A</sup>	0.01 <sup>A</sup>	53	105
2/26/2009	50 <sup>A</sup>	1.84 <sup>A</sup>	1.75 <sup>A</sup>	1.78 <sup>A</sup>	0.01 <sup>A</sup>	50	83
2/27/2009	69 <sup>A</sup>	3.01 <sup>A</sup>	1.82 <sup>A</sup>	2.12 <sup>A</sup>	1.07 <sup>A</sup>	69	91
2/28/2009	383 <sup>A</sup>	6.64 <sup>A</sup>	3.01 <sup>A</sup>	5.04 <sup>A</sup>	2.28 <sup>A</sup>	383	389
3/1/2009	999 <sup>A</sup>	8.65 <sup>A</sup>	6.64 <sup>A</sup>	7.78 <sup>A</sup>	0.96 <sup>A</sup>	999	1006
3/2/2009	1,620 <sup>A</sup>	9.46 <sup>A</sup>	8.64 <sup>A</sup>	9.16 <sup>A</sup>	0.60 <sup>A</sup>	1,620	1627
3/3/2009	1,600 <sup>A</sup>	9.37 <sup>A</sup>	9.02 <sup>A</sup>	9.13 <sup>A</sup>	0.33 <sup>A</sup>	1,600	1607
3/4/2009	1,260 <sup>A</sup>	9.07 <sup>A</sup>	7.65 <sup>A</sup>	8.46 <sup>A</sup>	0.00 <sup>A</sup>	1,260	1267
3/5/2009	732 <sup>A</sup>	7.65 <sup>A</sup>	6.29 <sup>A</sup>	6.90 <sup>A</sup>	0.00 <sup>A</sup>	732	739
3/6/2009	486 <sup>A</sup>	6.29 <sup>A</sup>	5.34 <sup>A</sup>	5.78 <sup>A</sup>	0.00 <sup>A</sup>	486	493
3/7/2009	353 <sup>A</sup>	5.34 <sup>A</sup>	4.77 <sup>A</sup>	5.04 <sup>A</sup>	0.00 <sup>A</sup>	353	360
3/8/2009	274 <sup>A</sup>	4.77 <sup>A</sup>	4.35 <sup>A</sup>	4.53 <sup>A</sup>	0.00 <sup>A</sup>	274	281
3/9/2009	231 <sup>A</sup>	4.35 <sup>A</sup>	4.08 <sup>A</sup>	4.21 <sup>A</sup>	0.00 <sup>A</sup>	231	238
3/10/2009	205 <sup>A</sup>	4.08 <sup>A</sup>	3.87 <sup>A</sup>	3.97 <sup>A</sup>	0.00 <sup>A</sup>	205	212
3/11/2009	184 <sup>A</sup>	3.87 <sup>A</sup>	3.67 <sup>A</sup>	3.77 <sup>A</sup>	0.00 <sup>A</sup>	184	191
3/12/2009	168 <sup>A</sup>	3.67 <sup>A</sup>	3.49 <sup>A</sup>	3.59 <sup>A</sup>	0.00 <sup>A</sup>	168	175
3/13/2009	153 <sup>A</sup>	3.49 <sup>A</sup>	3.31 <sup>A</sup>	3.40 <sup>A</sup>	0.00 <sup>A</sup>	153	160
3/14/2009	147 <sup>A</sup>	3.50 <sup>A</sup>	3.27 <sup>A</sup>	3.32 <sup>A</sup>	0.59 <sup>A</sup>	147	154
3/15/2009	291 <sup>A</sup>	5.81 <sup>A</sup>	3.50 <sup>A</sup>	4.54 <sup>A</sup>	1.73 <sup>A</sup>	291	298
3/16/2009	579 <sup>A</sup>	6.54 <sup>A</sup>	5.81 <sup>A</sup>	6.24 <sup>A</sup>	0.47 <sup>A</sup>	579	586
3/17/2009	680 <sup>A</sup>	6.80 <sup>A</sup>	6.54 <sup>A</sup>	6.70 <sup>A</sup>	0.01 <sup>A</sup>	680	687
3/18/2009	598 <sup>A</sup>	6.68 <sup>A</sup>	6.03 <sup>A</sup>	6.33 <sup>A</sup>	0.00 <sup>A</sup>	598	605
3/19/2009	455 <sup>A</sup>	6.03 <sup>A</sup>	5.23 <sup>A</sup>	5.62 <sup>A</sup>	0.00 <sup>A</sup>	455	462
3/20/2009	335 <sup>A</sup>	5.23 <sup>A</sup>	4.65 <sup>A</sup>	4.93 <sup>A</sup>	0.00 <sup>A</sup>	335	342
3/21/2009	259 <sup>A</sup>	4.65 <sup>A</sup>	4.23 <sup>A</sup>	4.43 <sup>A</sup>	0.00 <sup>A</sup>	259	266
3/22/2009	220 <sup>A</sup>	4.23 <sup>A</sup>	3.99 <sup>A</sup>	4.11 <sup>A</sup>	0.00 <sup>A</sup>	220	227
3/23/2009	200 <sup>A</sup>	3.99 <sup>A</sup>	3.86 <sup>A</sup>	3.93 <sup>A</sup>	0.00 <sup>A</sup>	200	207
3/24/2009	185 <sup>A</sup>	3.86 <sup>A</sup>	3.72 <sup>A</sup>	3.78 <sup>A</sup>	0.00 <sup>A</sup>	185	192
3/25/2009	175 <sup>A</sup>	3.72 <sup>A</sup>	3.64 <sup>A</sup>	3.67 <sup>A</sup>	0.08 <sup>A</sup>	175	182
3/26/2009	187 <sup>A</sup>	4.04 <sup>A</sup>	3.65 <sup>A</sup>	3.79 <sup>A</sup>	0.46 <sup>A</sup>	187	194
3/27/2009	326 <sup>A</sup>	6.11 <sup>A</sup>	4.04 <sup>A</sup>	4.82 <sup>A</sup>	1.51 <sup>A</sup>	326	333
3/28/2009	1,080 <sup>A</sup>	9.64 <sup>A</sup>	6.11 <sup>A</sup>	7.79 <sup>A</sup>	1.57 <sup>A</sup>	1,080	1087
3/29/2009	2,400 <sup>A</sup>	10.70 <sup>A</sup>	9.64 <sup>A</sup>	10.31 <sup>A</sup>	0.00 <sup>A</sup>	2,400	2407
3/30/2009	1,950 <sup>A</sup>	10.26 <sup>A</sup>	9.10 <sup>A</sup>	9.69 <sup>A</sup>	0.00 <sup>A</sup>	1,950	1957
3/31/2009	1,130 <sup>A</sup>	9.10 <sup>A</sup>	7.23 <sup>A</sup>	8.15 <sup>A</sup>	0.00 <sup>A</sup>	1,130	1137

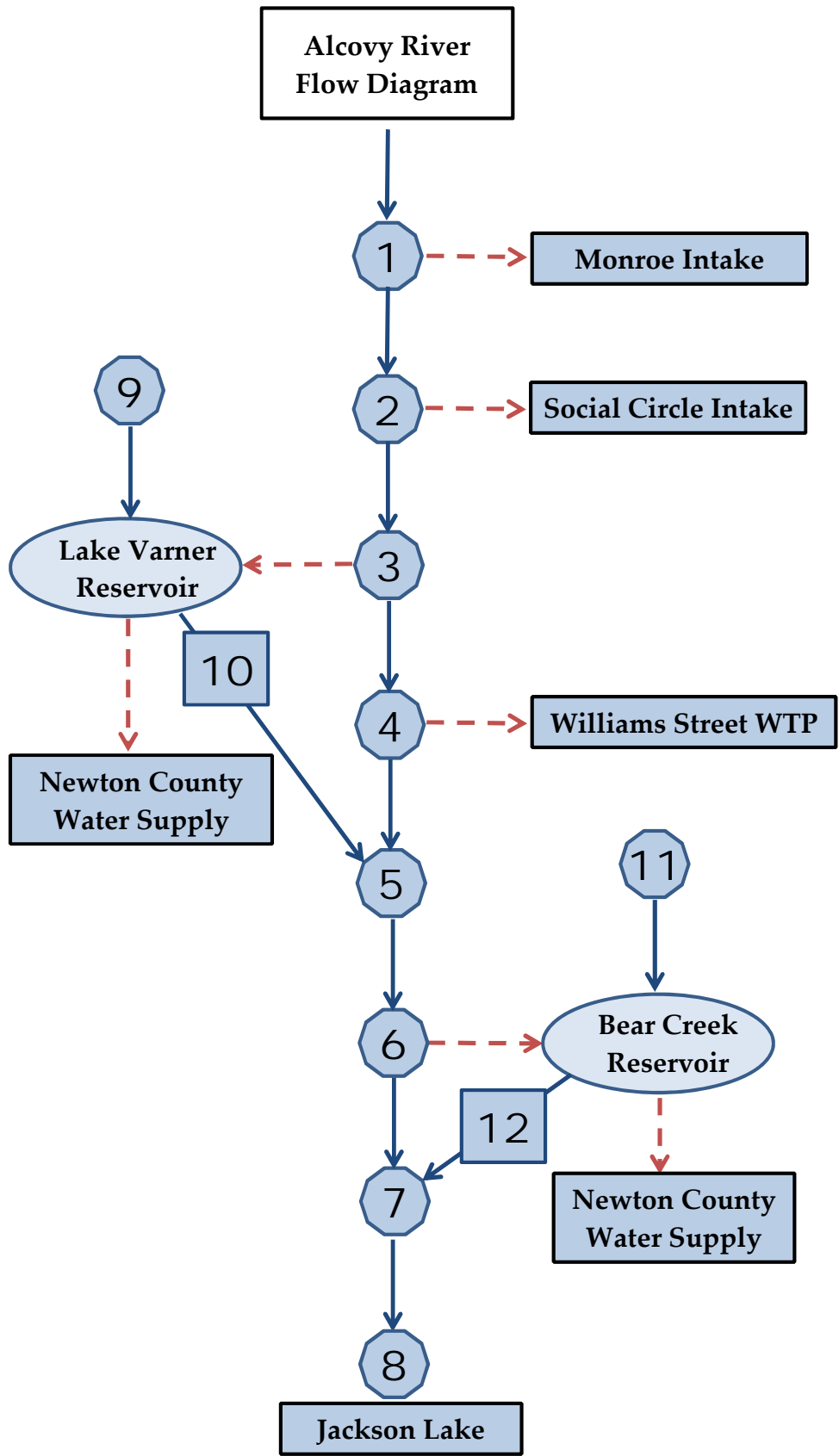


Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
4/1/2009	675 <sup>A</sup>	7.23 <sup>A</sup>	6.28 <sup>A</sup>	6.67 <sup>A</sup>	0.55 <sup>A</sup>	675	681
4/2/2009	792 <sup>A</sup>	7.85 <sup>A</sup>	6.28 <sup>A</sup>	7.13 <sup>A</sup>	2.30 <sup>A</sup>	792	798
4/3/2009	1,110 <sup>A</sup>	8.32 <sup>A</sup>	7.85 <sup>A</sup>	8.16 <sup>A</sup>	0.02 <sup>A</sup>	1,110	1116
4/4/2009	1,170 <sup>A</sup>	8.39 <sup>A</sup>	8.05 <sup>A</sup>	8.30 <sup>A</sup>	0.00 <sup>A</sup>	1,170	1176
4/5/2009	885 <sup>A</sup>	8.05 <sup>A</sup>	6.83 <sup>A</sup>	7.47 <sup>A</sup>	0.12 <sup>A</sup>	885	891
4/6/2009	600 <sup>A</sup>	6.83 <sup>A</sup>	5.92 <sup>A</sup>	6.33 <sup>A</sup>	0.02 <sup>A</sup>	600	606
4/7/2009	452 <sup>A</sup>	5.92 <sup>A</sup>	5.33 <sup>A</sup>	5.61 <sup>A</sup>	0.00 <sup>A</sup>	452	458
4/8/2009	364 <sup>A</sup>	5.33 <sup>A</sup>	4.91 <sup>A</sup>	5.11 <sup>A</sup>	0.00 <sup>A</sup>	364	370
4/9/2009	302 <sup>A</sup>	4.91 <sup>A</sup>	4.60 <sup>A</sup>	4.73 <sup>A</sup>	0.00 <sup>A</sup>	302	308
4/10/2009	274 <sup>A</sup>	4.74 <sup>A</sup>	4.44 <sup>A</sup>	4.53 <sup>A</sup>	0.82 <sup>A</sup>	274	280
4/11/2009	339 <sup>A</sup>	5.13 <sup>A</sup>	4.68 <sup>A</sup>	4.96 <sup>A</sup>	0.01 <sup>A</sup>	339	345
4/12/2009	345 <sup>A</sup>	5.14 <sup>A</sup>	4.91 <sup>A</sup>	5.00 <sup>A</sup>	0.00 <sup>A</sup>	345	351
4/13/2009	420 <sup>A</sup>	5.79 <sup>A</sup>	5.14 <sup>A</sup>	5.43 <sup>A</sup>	0.82 <sup>A</sup>	420	426
4/14/2009	498 <sup>A</sup>	5.92 <sup>A</sup>	5.79 <sup>A</sup>	5.85 <sup>A</sup>	0.14 <sup>A</sup>	498	504
4/15/2009	575 <sup>A</sup>	6.44 <sup>A</sup>	5.92 <sup>A</sup>	6.22 <sup>A</sup>	0.00 <sup>A</sup>	575	581
4/16/2009	555 <sup>A</sup>	6.43 <sup>A</sup>	5.71 <sup>A</sup>	6.13 <sup>A</sup>	0.00 <sup>A</sup>	555	561
4/17/2009	403 <sup>A</sup>	5.71 <sup>A</sup>	5.03 <sup>A</sup>	5.34 <sup>A</sup>	0.00 <sup>A</sup>	403	409
4/18/2009	315 <sup>A</sup>	5.03 <sup>A</sup>	4.63 <sup>A</sup>	4.81 <sup>A</sup>	0.00 <sup>A</sup>	315	321
4/19/2009	269 <sup>A</sup>	4.63 <sup>A</sup>	4.41 <sup>A</sup>	4.50 <sup>A</sup>	0.06 <sup>A</sup>	269	275
4/20/2009	268 <sup>A</sup>	4.54 <sup>A</sup>	4.40 <sup>A</sup>	4.49 <sup>A</sup>	0.20 <sup>A</sup>	268	274
4/21/2009	264 <sup>A</sup>			4.46 <sup>A</sup>		264	270
4/22/2009	243 <sup>A</sup>	4.43 <sup>A</sup>	4.15 <sup>A</sup>	4.30 <sup>A</sup>	0.00 <sup>A</sup>	243	249
4/23/2009	213 <sup>A</sup>	4.15 <sup>A</sup>	3.97 <sup>A</sup>	4.04 <sup>A</sup>	0.10 <sup>A</sup>	213	219
4/24/2009	204 <sup>A</sup>	3.97 <sup>A</sup>	3.95 <sup>A</sup>	3.96 <sup>A</sup>	0.00 <sup>A</sup>	204	210
4/25/2009	211 <sup>A</sup>	4.06 <sup>A</sup>	3.97 <sup>A</sup>	4.03 <sup>A</sup>	0.00 <sup>A</sup>	211	217
4/26/2009	195 <sup>A</sup>	4.01 <sup>A</sup>	3.75 <sup>A</sup>	3.88 <sup>A</sup>	0.00 <sup>A</sup>	195	201
4/27/2009	173 <sup>A</sup>	3.75 <sup>A</sup>	3.56 <sup>A</sup>	3.65 <sup>A</sup>	0.00 <sup>A</sup>	173	179
4/28/2009	161 <sup>A</sup>			3.51 <sup>A</sup>		161	167
4/29/2009	154 <sup>A</sup>	3.45 <sup>A</sup>	3.37 <sup>A</sup>	3.41 <sup>A</sup>	0.00 <sup>A</sup>	154	160
4/30/2009	147 <sup>A</sup>	3.37 <sup>A</sup>	3.28 <sup>A</sup>	3.33 <sup>A</sup>	0.00 <sup>A</sup>	147	153
5/1/2009	140 <sup>A</sup>	3.28 <sup>A</sup>	3.19 <sup>A</sup>	3.24 <sup>A</sup>	0.00 <sup>A</sup>	140	146
5/2/2009	140 <sup>A</sup>	3.30 <sup>A</sup>	3.20 <sup>A</sup>	3.23 <sup>A</sup>	0.01 <sup>A</sup>	140	146
5/3/2009	151 <sup>A</sup>	3.58 <sup>A</sup>	3.30 <sup>A</sup>	3.37 <sup>A</sup>	0.05 <sup>A</sup>	151	157
5/4/2009	184 <sup>A</sup>	4.00 <sup>A</sup>	3.58 <sup>A</sup>	3.76 <sup>A</sup>	0.01 <sup>A</sup>	184	190
5/5/2009	222 <sup>A</sup>	4.30 <sup>A</sup>	4.00 <sup>A</sup>	4.13 <sup>A</sup>	0.00 <sup>A</sup>	222	228
5/6/2009	265 <sup>A</sup>	4.55 <sup>A</sup>	4.30 <sup>A</sup>	4.47 <sup>A</sup>	0.14 <sup>A</sup>	265	271
5/7/2009	276 <sup>A</sup>	4.92 <sup>A</sup>	4.37 <sup>A</sup>	4.55 <sup>A</sup>	0.00 <sup>A</sup>	276	282
5/8/2009	373 <sup>A</sup>	5.39 <sup>A</sup>	4.92 <sup>A</sup>	5.17 <sup>A</sup>	0.00 <sup>A</sup>	373	379
5/9/2009	412 <sup>A</sup>	5.51 <sup>A</sup>	5.05 <sup>A</sup>	5.39 <sup>A</sup>	0.00 <sup>A</sup>	412	418
5/10/2009	281 <sup>A</sup>	5.05 <sup>A</sup>	4.19 <sup>A</sup>	4.57 <sup>A</sup>	0.00 <sup>A</sup>	281	287
5/11/2009	215 <sup>A</sup>	4.25 <sup>A</sup>	3.92 <sup>A</sup>	4.07 <sup>A</sup>	0.81 <sup>A</sup>	215	221
5/12/2009	187 <sup>A</sup>	3.92 <sup>A</sup>	3.67 <sup>A</sup>	3.80 <sup>A</sup>	0.00 <sup>A</sup>	187	193
5/13/2009	165 <sup>A</sup>	3.67 <sup>A</sup>	3.44 <sup>A</sup>	3.55 <sup>A</sup>	0.00 <sup>A</sup>	165	171
5/14/2009	148 <sup>A</sup>	3.44 <sup>A</sup>	3.25 <sup>A</sup>	3.34 <sup>A</sup>	0.00 <sup>A</sup>	148	154
5/15/2009	136 <sup>A</sup>	3.25 <sup>A</sup>	3.12 <sup>A</sup>	3.18 <sup>A</sup>		136	142
5/16/2009	131 <sup>A</sup>	3.17 <sup>A</sup>	3.09 <sup>A</sup>	3.11 <sup>A</sup>		131	137
5/17/2009	137 <sup>A</sup>	3.29 <sup>A</sup>	3.16 <sup>A</sup>	3.20 <sup>A</sup>		137	143
5/18/2009	149 <sup>A</sup>	3.38 <sup>A</sup>	3.29 <sup>A</sup>	3.35 <sup>A</sup>		149	155

Date	Discharge CFS (Mean)	Gauge Height Feet (Max)	Gauge Height Feet (Min)	Gauge Height Feet (Mean)	Precipitation Total Inches (Sum)	Discharge CFS (Mean)	Appendix A Discharge CFS (Mean)
5/19/2009	146 <sup>A</sup>	3.34 <sup>A</sup>	3.28 <sup>A</sup>	3.32 <sup>A</sup>		146	152
5/20/2009	132 <sup>A</sup>	3.28 <sup>A</sup>	2.98 <sup>A</sup>	3.12 <sup>A</sup>		132	138
5/21/2009	116 <sup>A</sup>	2.98 <sup>A</sup>	2.87 <sup>A</sup>	2.90 <sup>A</sup>		116	122
5/22/2009	113 <sup>A</sup>	2.88 <sup>A</sup>	2.84 <sup>A</sup>	2.86 <sup>A</sup>		113	119
5/23/2009	117 <sup>A</sup>	3.11 <sup>A</sup>	2.84 <sup>A</sup>	2.91 <sup>A</sup>		117	123
5/24/2009	178 <sup>A</sup>	3.94 <sup>A</sup>	3.11 <sup>A</sup>	3.69 <sup>A</sup>		178	184
5/25/2009	251 <sup>A</sup>	4.58 <sup>A</sup>	3.94 <sup>A</sup>	4.35 <sup>A</sup>		251	257
5/26/2009	225 <sup>A</sup>	4.32 <sup>A</sup>	4.06 <sup>A</sup>	4.16 <sup>A</sup>		225	231
5/27/2009	200 <sup>A</sup>	4.06 <sup>A</sup>	3.82 <sup>A</sup>	3.93 <sup>A</sup>		200	206
5/28/2009	176 <sup>A</sup>	3.82 <sup>A</sup>	3.53 <sup>A</sup>	3.68 <sup>A</sup>		176	182
5/29/2009	150 <sup>A</sup>	3.53 <sup>A</sup>	3.22 <sup>A</sup>	3.37 <sup>A</sup>		150	156
5/30/2009	130 <sup>A</sup>	3.22 <sup>A</sup>	2.98 <sup>A</sup>	3.10 <sup>A</sup>		130	136
5/31/2009	115 <sup>A</sup>	2.98 <sup>A</sup>	2.78 <sup>A</sup>	2.88 <sup>A</sup>		115	121

## APPENDIX - C

Drainage Areas			
*Data contained within this tab was collected from the "Alcovy River Water Supply Yield Model, Revised September 2009" and "Updated to include the Drought of 2007-2008" "Newton County Water System" as prepared by Infratec Consultants, Inc. Data contained herein was not verified.			
Description	Reach	Drainage Area	Cumulative Drainage Area
Gauge Drainage Area:		185	
Note: Gauge Drainage Area per USGS is 181 square miles compared to 185 square miles as listed in the <i>Infratec Report</i> .			
Alcovy River - Upstream of Monroe Intake	1	99.0	99.0
Alcovy River - Downstream of Monroe Intake, Upstream of Social Circle Intake	2	30.0	129.0
Alcovy River - Downstream Social Circle Intake, Upstream Existing Lake Varner Pump Intake	3	56.0	185.0
Alcovy River - Downstream Lake Varner Pump Intake, Upstream Existing Covington Intake	4	0.0	185.0
Alcovy River - Downstream Covington Intake, Upstream Lake Varner Release	5	7.0	192.0
Alcovy River - Downstream Lake Varner Release, Upstream Proposed Bear Cr. Pump Intake	6	26.6	218.6
Alcovy River - Downstream Proposed Bear Cr. Pump Intake, Upstream Proposed Bear Cr. Res	7	5.0	223.6
Alcovy River - Downstream Proposed Bear Cr. Release, Upstream Existing Jackson Lake Reser	8	1.0	224.6
Cornish Creek			
Cornish Creek - Upstream Existing Lake Varner Reservoir	9	26.5	26.5
Cornish Creek - Downstream Existing Lake Varner Reservoir	10	4.9	31.4
Bear Creek			
Bear Creek - Upstream Proposed Bear Creek Reservoir	11	31.3	31.3
Bear Creek - Downstream Proposed Bear Creek Reservoir	12	3.1	34.4



## APPENDIX - D

### Permit Limits

Monroe Permit No. 147-0410-02					
Max 24hr	10 MGD =	15.47	cfs		
Month Average	10 MGD =	15.47	cfs		
Monroe Special Conditions					
Stream Flow (cfs)	Withdrawal (mgd)		Withdrawal (cfs)		
N/A	0.0	3.0	0	4.64	
8.9 Or greater	3	5.5	4.64	8.51	
15.9 Or greater	5.5	Up to Permit Limit		8.51 15.47221	
*Note: 7Q10 is 8.9 cfs (5.75 MGD) and the NDF is 15.9 cfs (10.28 MGD)					
7Q10	8.9 cfs	NDF	15.9 cfs		

Social Circle Permit No. 147-0410-01		
Max 24hr	1 MGD =	1.55 cfs
Month Average	1 MGD =	1.55 cfs
Social Circle Special Conditions		
*NDF	12.9 MGD =	19.96 cfs
	0.5 MGD =	0.77 cfs
*NDF of 12.9 MGD during times of pumping over 0.5 MGD.		

Williams Street WTP		
Withdrawal	4 MGD =	6.19 cfs

Lake Varner Intake Permit No. 107-0410-06		
Max 24hr	35 MGD =	54.15 cfs
Month Average	35 MGD =	54.15 cfs
Lake Varner Intake Special Conditions		
*Annual 7Q10 Alcovy Rive	10.21 MGD =	15.8 cfs
**Total Protected Flow	14.22 MGD =	22.0 cfs
* See Infratec Report **Total Protected flow includes 4 MGD for the Williams Street WTP		

Newton County Bear Creek Intake Permit No. 107-0411-01		
Max 24hr	35 MGD =	54.15 cfs
Month Average	35 MGD =	54.15 cfs
Newton County Bear Creek Intake Special Conditions		
Annual 7Q10	13.25 MGD =	20.5 cfs

Lake Varner Reservoir Permit No. 107-0410-04		
Safe Yield	23 MGD =	35.59 cfs
Max 24hr	35 MGD =	54.15 cfs
Month Ave	28 MGD =	43.32 cfs
Annual Ave Max	23 MGD =	35.59 cfs
Lake Varner Reservoir Special Conditions		
Annual 7Q10 Cornish Cree	1.42 MGD =	2.2 cfs

Newton County Bear Creek Reservoir Permit No. 107-0411-01		
Safe Yield	28 MGD =	43.32 cfs
Max 24hr	42 MGD =	64.98 cfs
Month Ave	34 MGD =	52.61 cfs
Annual Ave Max	28 MGD =	43.32 cfs
Newton County Bear Creek Reservoir Special Conditions		
Annual 7Q10	1.81 MGD =	2.8 cfs

## APPENDIX - E

### Evaporation Data

Note: Data contained herein was collected from the NOAA website for University of Georgia Plant Science Farm Station GHCND:USC00098950 or from the "Alcovy River Water Supply Yield Model, Revised September 2009" and "Updated to include the Drought of 2007-2008" "Newton County Water System" as prepared by Infratec Consultants, Inc. Not all data contained herein was verified.

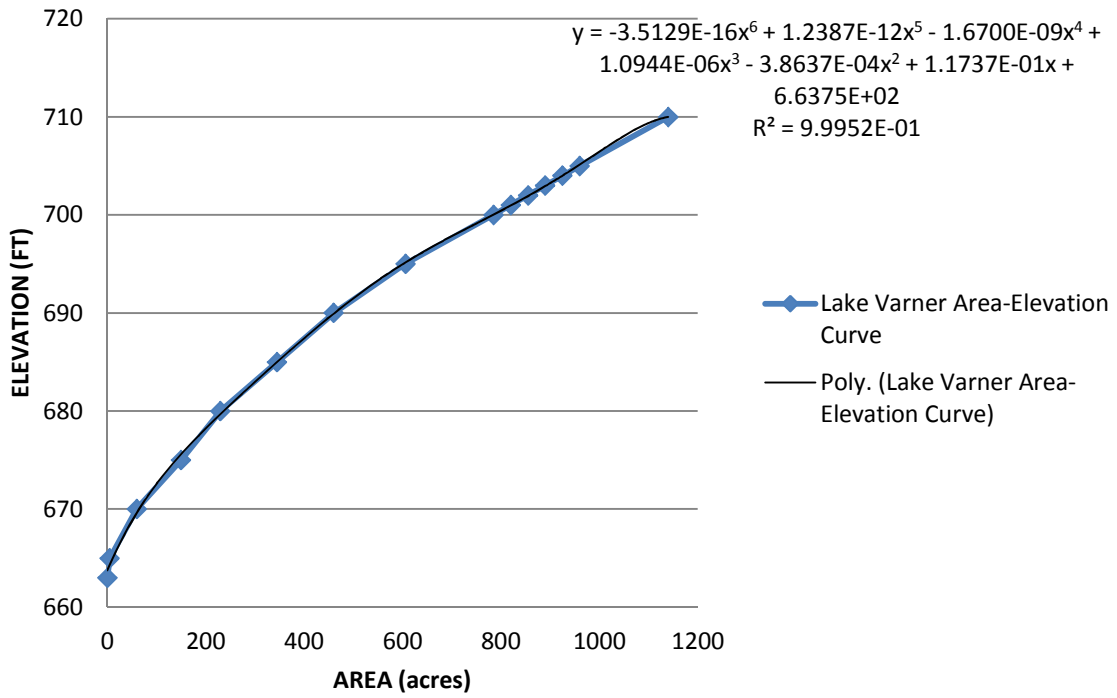
#### Drought of 1986 to 1988

Year	Month	Days in Month	Precipitation	Precip. X 0.65	Evaporation	Evap X 0.7	Net Evaporation		
							in/mo.	in/day	ft./day
1987	Jan	31	6.43	4.1795	2.8	1.96	-2.2195	-0.0716	-0.00597
	Feb	28	5.29	3.4385	3.06	2.142	-1.2965	-0.0463	-0.00386
	Mar	31	4.64	3.0160	4.3	3.01	-0.0060	-0.0002	-0.00002
1986	Apr	30	1.03	0.6695	7.57	5.299	4.6295	0.1543	0.01286
	May	31	2.19	1.4235	8.06	5.642	4.2185	0.1361	0.01134
	Jun	30	1.59	1.0335	9.39	6.573	5.5395	0.1847	0.01539
	Jul	31	3.11	2.0215	10.27	7.189	5.1675	0.1667	0.01389
	Aug	31	3.91	2.5415	7.57	5.299	2.7575	0.0890	0.00741
	Sep	30	4.04	2.6260	5.42	3.794	1.1680	0.0389	0.00324
	Oct	31	6.2	4.0300	4.26	2.982	-1.0480	-0.0338	-0.00282
	Nov	30	6.83	4.4395	2.65	1.855	-2.5845	-0.0862	-0.00718
	Dec	31	4.61	2.9965	2.54	1.778	-1.2185	-0.0393	-0.00328

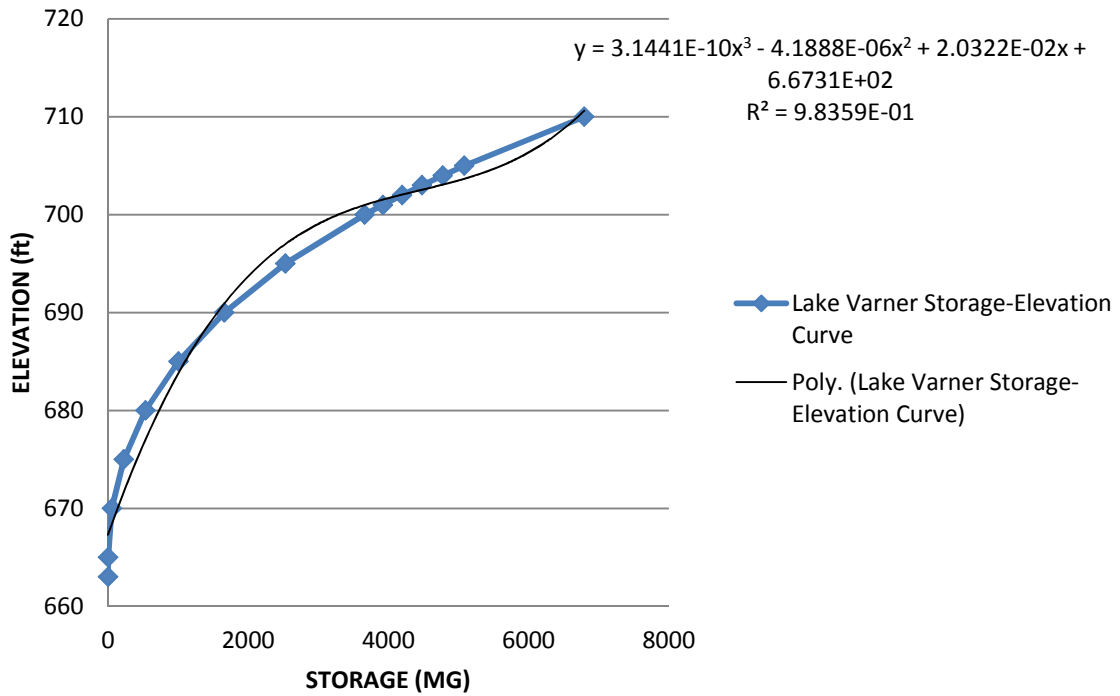
## APPENDIX - F

Lake Varner Reservoir Storage								
Stage	Elevation (Feet)	Area (Acre)	Average Surface Area (Acre)	Depth (Feet)	Incremental Depth (Feet)	Incremental Storage (ac-ft)	Incremental Storage (MG)	Storage (MG)
1	663	0	0	0	0	0	0	0.00
2	665	5	2.5	2	2	5	2	1.63
3	670	60	32.5	7	5	162.5	53	54.58
4	675	150	105	12	5	525	171	225.65
5	680	230	190	17	5	950	310	535.21
6	685	345	287.5	22	5	1437.5	468	1003.62
7	690	460	402.5	27	5	2012.5	656	1659.40
8	695	606	533	32	5	2665	868	2527.79
9	700	785	695.5	37	5	3477.5	1133	3660.94
10	701	820	802.5	38	1	802.5	261	3922.43
11	702	855	837.5	39	1	837.5	273	4195.33
12	703	890	872.5	40	1	872.5	284	4479.64
13	704	925	907.5	41	1	907.5	296	4775.35
14	705	960	942.5	42	1	942.5	307	5082.46
15	710	1140	1050	47	5	5250	1711	6793.18

### Lake Varner Area-Elevation Curve



### Lake Varner Storage-Elevation Curve

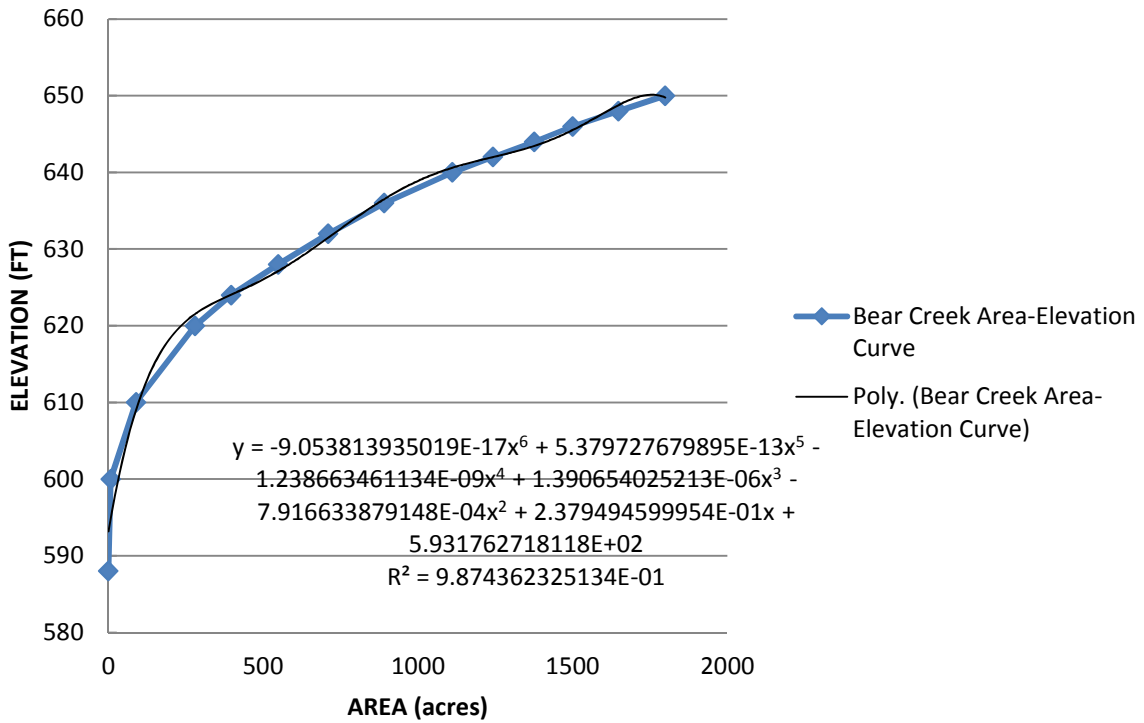




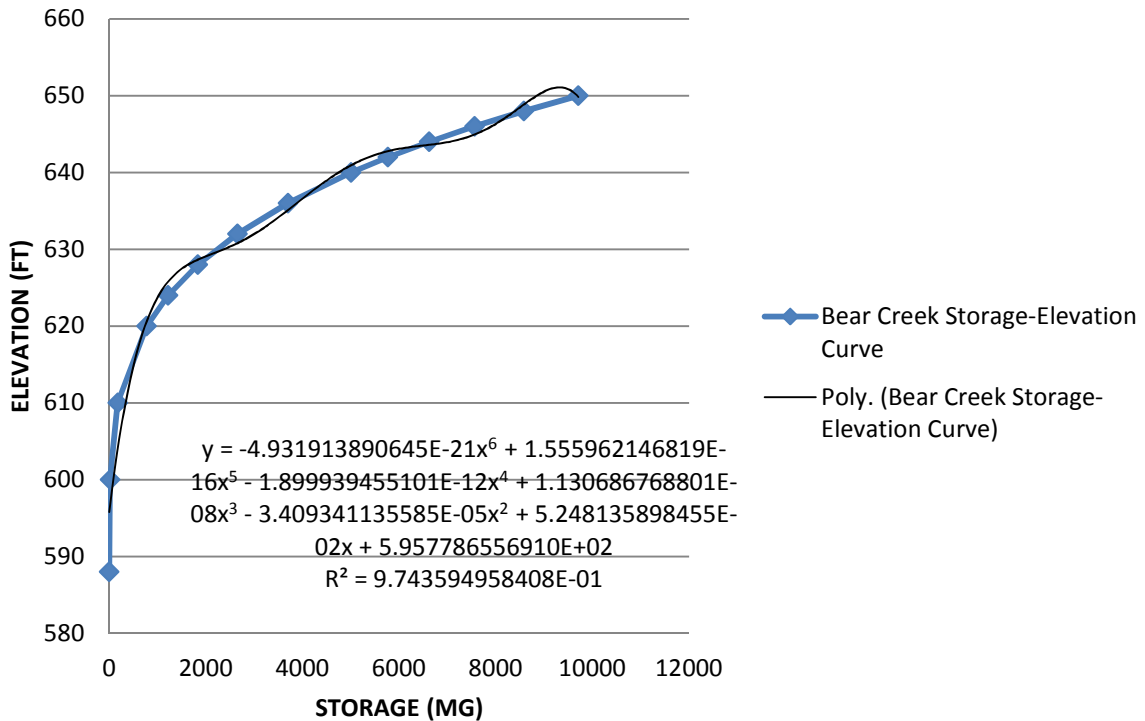
## APPENDIX - G

Bear Creek Reservoir Storage								
Stage	Elevation (Feet)	Area (Acre)	Average Surface Area (Acre)	Depth (Feet)	Incremental Depth (Feet)	Incremental Storage (ac-ft)	Incremental Storage (MG)	Storage (MG)
1	588	0	0	0	0	0	0	0.00
2	600	7.6	3.8	12	12	45.6	15	14.86
3	610	89.5	48.55	22	10	485.5	158	173.06
4	620	280	184.75	32	10	1847.5	602	775.07
5	624	396.5	338.25	36	4	1353	441	1215.95
6	628	549	472.75	40	4	1891	616	1832.13
7	632	710	629.5	44	4	2518	820	2652.62
8	636	891	800.5	48	4	3202	1043	3696.00
9	640	1111	1001	52	4	4004	1305	5000.70
10	642	1242	1176.5	54	2	2353	767	5767.43
11	644	1376	1309	56	2	2618	853	6620.51
12	646	1500	1438	58	2	2876	937	7557.66
13	648	1648	1574	60	2	3148	1026	8583.44
14	650	1799	1723.5	62	2	3447	1123	9706.65

### Bear Creek Area-Elevation Curve



### Bear Creek Storage-Elevation Curve



**APPENDIX - H**

Alcovy River Stream Flows																			
1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFSM (CFS/mi <sup>2</sup> )	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped into Bear Creek from Alcovy River Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
1/1/2006	189	1.0216	101.14	15.47	116.32	1.55	171.98	8.35	27.07	163.63	6.19	164.60	7.21	198.98	3.95	31.98	200.14	5.97	207.13
1/2/2006	276	1.4919	147.70	15.47	176.98	1.55	258.98	0.00	39.54	258.98	6.19	263.23	13.63	316.55	0.00	46.70	324.01	18.19	343.69
1/3/2006	534	2.8865	285.76	15.47	356.88	1.55	516.98	0.00	76.49	516.98	6.19	531.00	57.42	665.19	0.00	90.35	679.63	66.17	748.68
1/4/2006	495	2.6757	264.89	15.47	329.69	1.55	477.98	0.00	70.91	477.98	6.19	490.52	50.80	612.49	0.00	83.75	625.87	58.92	687.46
1/5/2006	408	2.2054	218.34	15.47	269.03	1.55	390.98	0.00	58.44	390.98	6.19	400.23	36.03	494.92	0.00	69.03	505.95	42.74	550.90
1/6/2006	309	1.6703	165.36	15.47	199.99	1.55	291.98	0.00	44.26	291.98	6.19	297.48	19.23	361.14	0.00	52.28	369.49	24.33	395.49
1/7/2006	261	1.4108	139.67	15.47	166.52	1.55	243.98	0.00	37.39	243.98	6.19	247.67	11.08	296.28	0.00	44.16	303.33	15.41	320.15
1/8/2006	233	1.2595	124.69	15.47	147.00	1.55	215.98	2.04	33.38	213.94	6.19	216.56	8.37	258.44	0.00	39.42	264.74	10.20	276.19
1/9/2006	217	1.1730	116.12	15.47	135.84	1.55	199.98	4.33	31.08	195.65	6.19	197.67	7.95	236.82	0.00	36.71	242.68	7.22	251.08
1/10/2006	208	1.1243	111.31	15.47	129.57	1.55	190.98	5.62	29.79	185.36	6.19	187.04	7.71	224.65	0.74	35.19	229.54	6.29	236.95
1/11/2006	214	1.1568	114.52	15.47	133.75	1.55	196.98	4.76	30.65	192.22	6.19	194.12	7.87	232.76	0.00	36.21	238.55	6.67	246.37
1/12/2006	216	1.1676	115.59	15.47	135.14	1.55	198.98	4.48	30.94	194.50	6.19	196.49	7.92	235.46	0.00	36.54	241.30	7.04	249.51
1/13/2006	216	1.1676	115.59	15.47	135.14	1.55	198.98	4.48	30.94	194.50	6.19	196.49	7.92	235.46	0.00	36.54	241.30	7.04	249.51
1/14/2006	284	1.5351	151.98	15.47	182.56	1.55	266.98	0.00	40.68	266.98	6.19	271.54	14.98	327.36	0.00	48.05	335.03	19.68	356.25
1/15/2006	323	1.7459	172.85	15.47	209.75	1.55	305.98	0.00	46.27	305.98	6.19	312.01	21.60	380.06	0.00	54.65	388.79	26.93	417.47
1/16/2006	297	1.6054	158.94	15.47	191.63	1.55	279.98	0.00	42.54	279.98	6.19	285.03	17.19	344.92	0.00	50.25	352.95	22.10	376.66
1/17/2006	255	1.3784	136.46	15.47	162.34	1.55	237.98	0.00	36.53	237.98	6.19	241.44	10.06	288.17	0.00	43.14	295.06	14.29	310.73
1/18/2006	351	1.8973	187.83	15.47	229.28	1.55	333.98	0.00	50.28	333.98	6.19	341.07	26.36	417.90	0.00	59.39	427.38	32.14	461.42
1/19/2006	442	2.3892	236.53	15.47	292.73	1.55	424.98	0.00	63.31	424.98	6.19	435.52	41.80	540.87	0.00	74.78	552.82	49.06	604.27
1/20/2006	532	2.8757	284.69	15.47	355.49	1.55	514.98	0.00	76.21	514.98	6.19	528.92	57.08	662.49	0.00	90.01	676.87	65.80	745.54
1/21/2006	400	2.1622	214.05	15.47	263.45	1.55	382.98	0.00	57.30	382.98	6.19	391.93	34.67	484.11	0.00	67.68	494.92	41.25	538.34
1/22/2006	339	1.8324	181.41	15.47	220.91	1.55	321.98	0.00	48.56	321.98	6.19	328.62	24.32	401.68	0.00	57.36	410.84	29.91	442.58
1/23/2006	360	1.9459	192.65	15.47	235.55	1.55	342.98	0.00	51.57	342.98	6.19	350.41	27.88	430.06	0.00	60.91	439.79	33.81	475.55
1/24/2006	465	2.5135	248.84	15.47	308.77	1.55	447.98	0.00	66.61	447.98	6.19	459.39	45.71	571.95	0.00	78.67	584.52	53.34	640.37
1/25/2006	866	4.6811	463.43	15.47	588.39	1.55	848.98	0.00	124.05	848.98	6.19	875.56	113.77	1113.84	0.00	146.52	1137.25	127.90	1269.83
1/26/2006	956	5.1676	511.59	15.47	651.14	1.55	938.98	0.00	136.94	938.98	6.19	968.96	129.04	1235.46	0.00	161.74	1261.30	144.64	1411.11
1/27/2006	565	3.0541	302.35	15.47	378.50	1.55	547.98	0.00	80.93	547.98	6.19	563.17	62.68	707.09	0.00	95.59	722.36	71.93	797.34
1/28/2006	407	2.2000	217.80	15.47	268.33	1.55	389.98	0.00	58.30	389.98	6.19	399.19	35.86	493.57	0.00	68.86	504.57	42.55	549.33
1/29/2006	353	1.9081	188.90	15.47	230.67	1.55	335.98	0.00	50.56	335.98	6.19	343.15	26.70	420.60	0.00	59.72	430.14	32.51	464.56
1/30/2006	355	1.9189	189.97	15.47	232.07	1.55	337.98	0.00	50.85	337.98	6.19	345.22	27.04	423.30	0.00	60.06	432.90	32.88	467.70
1/31/2006	349	1.8865	186.76	15.47	227.88	1.55	331.98	0.00	49.99	331.98	6.19	339.00	26.02	415.19	0.00	59.05	424.63	31.77	458.28
2/1/2006	307	1.6595	164.29	15.47	198.60	1.55	289.98	0.00	43.98	289.98	6.19	295.41	18.05	357.60	0.00	51.94	365.90	22.65	390.21
2/2/2006	281	1.5189	150.37	15.47	180.47	1.55	263.98	0.00	40.25	263.98	6.19	268.42	13.64	322.47	0.00	47.54	330.06	17.82	349.40
2/3/2006	280	1.5135	149.84	15.47	179.77	1.55	262.98	0.00	40.11	262.98	6.19	267.39	13.47	321.11	0.00	47.37	328.68	17.63	347.83
2/4/2006	282	1.5243	150.91	15.47	181.17	1.55	264.98	0.00	40.39	264.98	6.19	269.46	13.81	323.82	0.00	47.71	331.44	18.00	350.97
2/5/2006	271	1.4649	145.02	15.47	173.50	1.55	253.98	0.00	38.82	253.98	6.19	258.05	11.94	308.95	0.00	45.85	316.28	15.96	333.70
2/6/2006	296	1.6000	158.40	15.47	190.93	1.55	278.98	0.00	42.40	278.98	6.19	283.99	16.18	342.74	0.00	50.08	350.74	20.61	372.94
2/7/2006	623	3.3676	333.39	15.47	418.94	1.55	605.98	0.00	89.24	605.98	6.19	623.36	71.69	784.63	0.00	105.40	801.47	81.41	886.24
2/8/2006	956	5.1676	511.59	15.47	651.14	1.55	938.98	0.00	136.94	938.98	6.19	968.96	128.21	1234.63	0.00	161.74	1260.47	143.33	1408.96
2/9/2006	804	4.3459	430.25	15.47	545.15	1.55	786.98	0.00	115.17	786.98	6.19	811.21	102.41	1029.22	0.00	136.03	1050.95	115.07	1170.37

Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFS/mi <sup>2</sup>	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
2/10/2006	527	2.8486	282.02	15.47	352.00	1.55	509.98	0.00	75.49	509.98	6.19	523.73	55.39	654.90	0.00	89.16	669.14	63.56	735.55
2/11/2006	436	2.3568	233.32	15.47	288.55	1.55	418.98	0.00	62.45	418.98	6.19	429.29	39.95	531.93	0.00	73.77	543.71	46.64	592.71
2/12/2006	421	2.2757	225.29	15.47	278.09	1.55	403.98	0.00	60.31	403.98	6.19	413.72	37.40	511.66	0.00	71.23	523.03	43.85	569.16
2/13/2006	408	2.2054	218.34	15.47	269.03	1.55	390.98	0.00	58.44	390.98	6.19	400.23	35.19	494.09	0.00	69.03	505.11	41.43	548.75
2/14/2006	354	1.9135	189.44	15.47	231.37	1.55	336.98	0.00	50.71	336.98	6.19	344.19	26.03	421.11	0.00	59.89	430.68	31.39	463.99
2/15/2006	319	1.7243	170.71	15.47	206.97	1.55	301.98	0.00	45.69	301.98	6.19	307.86	20.09	373.82	0.00	53.97	382.44	24.88	409.05
2/16/2006	290	1.5676	155.19	15.47	186.74	1.55	272.98	0.00	41.54	272.98	6.19	277.76	15.17	334.63	0.00	49.06	342.47	19.49	363.52
2/17/2006	279	1.5081	149.30	15.47	179.07	1.55	261.98	0.00	39.96	261.98	6.19	266.35	13.30	319.76	0.00	47.20	327.30	17.45	346.26
2/18/2006	271	1.4649	145.02	15.47	173.50	1.55	253.98	0.00	38.82	253.98	6.19	258.05	11.94	308.95	0.00	45.85	316.28	15.96	333.70
2/19/2006	269	1.4541	143.95	15.47	172.10	1.55	251.98	0.00	38.53	251.98	6.19	255.97	11.60	306.25	0.00	45.51	313.52	15.59	330.56
2/20/2006	266	1.4378	142.35	15.47	170.01	1.55	248.98	0.00	38.10	248.98	6.19	252.86	11.09	302.20	0.00	45.00	309.38	15.03	325.85
2/21/2006	269	1.4541	143.95	15.47	172.10	1.55	251.98	0.00	38.53	251.98	6.19	255.97	11.60	306.25	0.00	45.51	313.52	15.59	330.56
2/22/2006	277	1.4973	148.23	15.47	177.68	1.55	259.98	0.00	39.68	259.98	6.19	264.27	12.96	317.06	0.00	46.87	324.55	17.07	343.12
2/23/2006	500	2.7027	267.57	15.47	333.18	1.55	482.98	0.00	71.62	482.98	6.19	495.71	50.81	618.41	0.00	84.59	631.93	58.54	693.17
2/24/2006	844	4.5622	451.65	15.47	573.05	1.55	826.98	0.00	120.90	826.98	6.19	852.73	109.20	1083.28	0.00	142.80	1106.09	122.51	1233.16
2/25/2006	921	4.9784	492.86	15.47	626.74	1.55	903.98	0.00	131.93	903.98	6.19	932.64	122.27	1187.33	0.00	155.82	1212.22	136.82	1354.02
2/26/2006	909	4.9135	486.44	15.47	618.37	1.55	891.98	0.00	130.21	891.98	6.19	920.19	120.23	1171.11	0.00	153.79	1195.68	134.59	1335.19
2/27/2006	826	4.4649	442.02	15.47	560.50	1.55	808.98	0.00	118.32	808.98	6.19	834.05	106.14	1058.95	0.00	139.75	1081.28	119.16	1204.90
2/28/2006	688	3.7189	368.17	15.47	464.27	1.55	670.98	0.00	98.55	670.98	6.19	690.82	82.72	872.47	0.00	116.40	891.06	93.50	988.28
3/1/2006	513	2.7730	274.52	15.47	342.24	1.55	495.98	0.00	73.48	495.98	6.19	509.20	51.49	634.45	0.00	86.79	648.32	58.58	709.67
3/2/2006	428	2.3135	229.04	15.47	282.97	1.55	410.98	0.00	61.31	410.98	6.19	420.99	37.06	519.59	0.00	72.41	531.16	42.77	576.24
3/3/2006	382	2.0649	204.42	15.47	250.90	1.55	364.98	0.00	54.72	364.98	6.19	373.25	29.26	457.43	0.00	64.63	467.75	34.22	504.03
3/4/2006	346	1.8703	185.16	15.47	225.79	1.55	328.98	0.00	49.56	328.98	6.19	335.88	23.15	408.78	0.00	58.54	418.13	27.52	447.52
3/5/2006	315	1.7027	168.57	15.47	204.18	1.55	297.98	0.00	45.12	297.98	6.19	303.71	17.88	366.89	0.00	53.29	375.40	21.76	398.86
3/6/2006	298	1.6108	159.47	15.47	192.32	1.55	280.98	0.00	42.69	280.98	6.19	286.07	15.00	343.91	0.00	50.42	351.97	18.60	372.18
3/7/2006	292	1.5784	156.26	15.47	188.14	1.55	274.98	0.00	41.83	274.98	6.19	279.84	13.98	335.81	0.00	49.40	343.70	17.48	362.76
3/8/2006	282	1.5243	150.91	15.47	181.17	1.55	264.98	0.00	40.39	264.98	6.19	269.46	12.28	322.29	0.00	47.71	329.91	15.62	347.06
3/9/2006	268	1.4486	143.42	15.47	171.40	1.55	250.98	0.00	38.39	250.98	6.19	254.93	9.91	303.37	0.00	45.34	310.62	13.02	325.08
3/10/2006	278	1.5027	148.77	15.47	178.38	1.55	260.98	0.00	39.82	260.98	6.19	265.31	11.60	316.89	0.00	47.03	324.40	14.88	340.78
3/11/2006	308	1.6649	164.82	15.47	199.30	1.55	290.98	0.00	44.12	290.98	6.19	296.45	16.70	357.43	0.00	52.11	365.75	20.46	387.87
3/12/2006	310	1.6757	165.89	15.47	200.69	1.55	292.98	0.00	44.41	292.98	6.19	298.52	17.04	360.13	0.00	52.45	368.51	20.83	391.01
3/13/2006	277	1.4973	148.23	15.47	177.68	1.55	259.98	0.00	39.68	259.98	6.19	264.27	11.43	315.54	0.00	46.87	323.02	14.69	339.21
3/14/2006	319	1.7243	170.71	15.47	206.97	1.55	301.98	0.00	45.69	301.98	6.19	307.86	18.56	372.29	0.00	53.97	380.91	22.50	405.14
3/15/2006	383	2.0703	204.96	15.47	251.59	1.55	365.98	0.00	54.86	365.98	6.19	374.28	29.43	458.78	0.00	64.80	469.13	34.40	505.60
3/16/2006	356	1.9243	190.51	15.47	232.77	1.55	338.98	0.00	50.99	338.98	6.19	346.26	24.84	422.29	0.00	60.23	431.91	29.38	463.22
3/17/2006	295	1.5946	157.86	15.47	190.23	1.55	277.98	0.00	42.26	277.98	6.19	282.95	14.49	339.86	0.00	49.91	347.83	18.04	367.47
3/18/2006	269	1.4541	143.95	15.47	172.10	1.55	251.98	0.00	38.53	251.98	6.19	255.97	10.08	304.72	0.00	45.51	311.99	13.20	326.65
3/19/2006	252	1.3622	134.85	15.47	160.25	1.55	234.98	1.68	36.10	233.30	6.19	236.64	8.87	281.75	0.00	42.64	288.56	10.04	299.97
3/20/2006	246	1.3297	131.64	15.47	156.06	1.55	228.98	2.54	35.24	226.44	6.19	229.56	8.72	273.64	0.00	41.62	280.29	8.93	290.55
3/21/2006	448	2.4216	239.74	15.47	296.92	1.55	430.98	0.00	64.17	430.98	6.19	441.74	40.46	546.62	0.00	75.80	558.72	46.49	607.63
3/22/2006	773	4.1784	413.66	15.47	523.54	1.55	755.98	0.00	110.73	755.98	6.19	779.04	95.62	985.81	0.00	130.78	1006.70	106.92	1117.80
3/23/2006	809	4.3730	432.92	15.47	548.64	1.55	791.98	0.00	115.88	791.98	6.19	816.40	101.73	1034.45	0.00	136.87	1056.32	113.62	1174.31
3/24/2006	543	2.9351	290.58	15.47	363.16	1.55	525.98	0.00	77.78	525.98	6.19	540.34	56.58	674.99	0.00	91.87	689.67	64.15	756.76

Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFS/mi <sup>2</sup>	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
3/25/2006	401	2.1676	214.59	15.47	264.14	1.55	383.98	0.00	57.44	383.98	6.19	392.96	32.48	483.10	0.00	67.84	493.94	37.75	533.86
3/26/2006	342	1.8486	183.02	15.47	223.00	1.55	324.98	0.00	48.99	324.98	6.19	331.73	22.47	403.37	0.00	57.86	412.62	26.78	441.24
3/27/2006	307	1.6595	164.29	15.47	198.60	1.55	289.98	0.00	43.98	289.98	6.19	295.41	16.53	356.08	0.00	51.94	364.37	20.27	386.30
3/28/2006	287	1.5514	153.58	15.47	184.65	1.55	269.98	0.00	41.11	269.98	6.19	274.65	13.13	329.05	0.00	48.56	336.81	16.55	354.91
3/29/2006	280	1.5135	149.84	15.47	179.77	1.55	262.98	0.00	40.11	262.98	6.19	267.39	11.94	319.59	0.00	47.37	327.16	15.25	343.92
3/30/2006	273	1.4757	146.09	15.47	174.89	1.55	255.98	0.00	39.11	255.98	6.19	260.12	10.76	310.13	0.00	46.19	317.51	13.95	332.93
3/31/2006	262	1.4162	140.21	15.47	167.22	1.55	244.98	0.25	37.53	244.73	6.19	248.45	9.14	295.26	0.00	44.33	302.35	11.90	315.67
4/1/2006	255	1.3784	136.46	15.47	162.34	1.55	237.98	6.37	36.53	231.62	6.19	235.07	8.95	280.69	4.45	43.14	283.13	7.07	291.58
4/2/2006	266	1.4378	142.35	15.47	170.01	1.55	248.98	4.79	38.10	244.19	6.19	248.07	9.25	295.56	2.59	45.00	300.16	7.26	308.85
4/3/2006	300	1.6216	160.54	15.47	193.72	1.55	282.98	0.00	42.97	282.98	6.19	288.14	10.23	341.50	0.00	50.76	349.61	10.99	362.22
4/4/2006	267	1.4432	142.88	15.47	170.71	1.55	249.98	4.65	38.25	245.33	6.19	249.25	9.27	296.91	2.42	45.17	301.70	7.27	310.42
4/5/2006	243	1.3135	130.04	15.47	153.97	1.55	225.98	8.08	34.81	217.90	6.19	220.90	8.64	264.48	6.48	41.11	264.56	6.87	272.75
4/6/2006	223	1.2054	119.34	15.47	140.03	1.55	205.98	10.95	31.94	195.03	6.19	197.28	8.11	237.45	9.87	37.73	233.61	6.54	241.35
4/7/2006	215	1.1622	115.05	15.47	134.45	1.55	197.98	12.10	30.80	185.89	6.19	187.83	7.89	226.64	11.22	36.38	221.23	6.40	228.79
4/8/2006	221	1.1946	118.26	15.47	138.63	1.55	203.98	11.24	31.66	192.74	6.19	194.92	8.05	234.75	10.21	37.39	230.52	6.50	238.21
4/9/2006	238	1.2865	127.36	15.47	150.48	1.55	220.98	8.80	34.09	212.18	6.19	215.00	8.50	257.72	7.33	40.27	256.82	6.79	264.90
4/10/2006	247	1.3351	132.18	15.47	156.76	1.55	229.98	7.51	35.38	222.47	6.19	225.63	8.74	269.88	5.81	41.79	270.75	6.94	279.03
4/11/2006	222	1.2000	118.80	15.47	139.33	1.55	204.98	11.09	31.80	193.89	6.19	196.10	8.08	236.10	10.04	37.56	232.06	6.52	239.78
4/12/2006	218	1.1784	116.66	15.47	136.54	1.55	200.98	11.67	31.23	189.32	6.19	191.37	7.97	230.69	10.71	36.88	225.87	6.45	233.50
4/13/2006	203	1.0973	108.63	15.47	126.08	1.55	185.98	13.81	29.08	172.17	6.19	173.66	7.58	210.42	13.25	34.35	202.66	6.20	209.96
4/14/2006	196	1.0595	104.89	15.47	121.20	1.55	178.98	14.82	28.08	164.16	6.19	165.39	7.39	200.96	14.44	33.16	191.83	6.08	198.97
4/15/2006	192	1.0378	102.75	15.47	118.41	1.55	174.98	15.39	27.50	159.59	6.19	160.67	7.29	195.56	15.11	32.48	185.64	6.02	192.69
4/16/2006	180	0.9730	96.32	15.47	110.04	1.55	162.98	17.11	25.78	145.87	6.19	146.49	6.97	179.34	17.14	30.45	167.06	5.82	173.85
4/17/2006	171	0.9243	91.51	15.47	103.77	1.55	153.98	18.40	24.49	135.58	6.19	135.86	6.73	167.18	18.67	28.93	153.14	5.67	159.73
4/18/2006	172	0.9297	92.04	15.47	104.46	1.55	154.98	18.25	24.64	136.73	6.19	137.05	6.76	168.53	18.50	29.10	154.68	5.68	161.30
4/19/2006	156	0.8432	83.48	15.47	93.31	1.55	138.98	20.55	22.35	118.43	6.19	118.15	6.33	146.91	21.20	26.39	129.92	5.41	136.18
4/20/2006	161	0.8703	86.16	15.47	96.79	1.55	143.98	19.83	23.06	124.15	6.19	124.05	6.46	153.67	20.36	27.24	137.66	5.50	144.03
4/21/2006	200	1.0811	107.03	15.47	123.99	1.55	182.98	14.24	28.65	168.74	6.19	170.12	7.50	206.37	13.76	33.84	198.02	6.15	205.25
4/22/2006	328	1.7730	175.52	15.47	213.24	1.55	310.98	0.00	46.98	310.98	6.19	317.20	14.98	379.34	0.00	55.49	388.21	16.19	406.17
4/23/2006	509	2.7514	272.38	15.47	339.45	1.55	491.98	0.00	72.91	491.98	6.19	505.05	45.70	623.94	0.00	86.12	637.69	49.85	690.30
4/24/2006	468	2.5297	250.44	15.47	310.86	1.55	450.98	0.00	67.04	450.98	6.19	462.50	38.74	568.53	0.00	79.18	581.18	42.23	625.94
4/25/2006	264	1.4270	141.28	15.47	168.61	1.55	246.98	5.08	37.82	241.90	6.19	245.70	9.19	292.86	2.93	44.67	297.06	7.22	305.71
4/26/2006	228	1.2324	122.01	15.47	143.51	1.55	210.98	10.23	32.66	200.75	6.19	203.19	8.24	244.21	9.02	38.58	241.35	6.62	249.20
4/27/2006	204	1.1027	109.17	15.47	126.78	1.55	186.98	13.67	29.22	173.31	6.19	174.84	7.60	211.77	13.08	34.51	204.21	6.22	211.53
4/28/2006	189	1.0216	101.14	15.47	116.32	1.55	171.98	15.82	27.07	156.16	6.19	157.12	7.21	191.50	15.62	31.98	180.99	5.97	187.98
4/29/2006	171	0.9243	91.51	15.47	103.77	1.55	153.98	18.40	24.49	135.58	6.19	135.86	6.73	167.18	18.67	28.93	153.14	5.67	159.73
4/30/2006	158	0.8541	84.55	15.47	94.70	1.55	140.98	20.26	22.63	120.72	6.19	120.51	6.38	149.61	20.86	26.73	133.02	5.45	139.32
5/1/2006	150	0.8108	80.27	15.47	89.12	1.55	132.98	20.80	21.49	112.18	6.19	111.66	6.17	139.41	21.28	25.38	122.18	5.31	128.31
5/2/2006	148	0.8000	79.20	15.47	87.73	1.55	130.98	21.09	21.20	109.89	6.19	109.30	6.12	136.70	21.61	25.04	119.09	5.28	125.17
5/3/2006	144	0.7784	77.06	15.47	84.94	1.55	126.98	21.66	20.63	105.32	6.19	104.58	6.01	131.30	22.29	24.36	112.90	5.21	118.89
5/4/2006	143	0.7730	76.52	15.47	84.24	1.55	125.98	21.81	20.48	104.18	6.19	103.40	5.99	129.95	22.46	24.19	111.35	5.20	117.32
5/5/2006	144	0.7784	77.06	15.47	84.94	1.55	126.98	21.66	20.63	105.32	6.19	104.58	6.01	131.30	22.29	24.36	112.90	5.21	118.89
5/6/2006	191	1.0324	102.21	15.47	117.71	1.55	173.98	14.93	27.36	159.05	6.19	160.09	7.26	194.81	14.34	32.32	185.63	6.00	192.67

Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFSM (CFS/mi <sup>2</sup> )	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
5/7/2006	230	1.2432	123.08	15.47	144.91	1.55	212.98	9.34	32.95	203.64	6.19	206.15	8.29	247.51	7.74	38.91	245.99	6.65	253.89
5/8/2006	318	1.7189	170.17	15.47	206.27	1.55	300.98	0.00	45.55	300.98	6.19	306.82	13.88	366.43	0.00	53.80	375.03	15.28	392.02
5/9/2006	345	1.8649	184.62	15.47	225.10	1.55	327.98	0.00	49.42	327.98	6.19	334.85	18.47	402.92	0.00	58.37	412.24	20.30	434.40
5/10/2006	256	1.3838	136.99	15.47	163.04	1.55	238.98	5.62	36.67	233.36	6.19	236.86	8.98	282.65	3.34	43.31	286.23	7.09	294.70
5/11/2006	233	1.2595	124.69	15.47	147.00	1.55	215.98	8.91	33.38	207.07	6.19	209.69	8.37	251.57	7.23	39.42	250.63	6.70	258.60
5/12/2006	213	1.1514	113.98	15.47	133.05	1.55	195.98	11.78	30.51	184.20	6.19	186.07	7.84	224.54	10.62	36.04	219.68	6.37	227.20
5/13/2006	179	0.9676	95.79	15.47	109.34	1.55	161.98	16.65	25.64	145.33	6.19	145.92	6.94	178.59	16.37	30.28	167.06	5.80	173.83
5/14/2006	159	0.8595	85.09	15.47	95.40	1.55	141.98	19.51	22.78	122.47	6.19	122.29	6.41	151.57	19.75	26.90	136.11	5.46	142.44
5/15/2006	152	0.8216	81.34	15.47	90.52	1.55	134.98	20.52	21.77	114.46	6.19	114.03	6.23	142.11	20.94	25.72	125.28	5.35	131.45
5/16/2006	145	0.7838	77.59	15.47	85.64	1.55	127.98	21.52	20.77	106.46	6.19	105.76	6.04	132.65	22.12	24.53	114.45	5.23	120.46
5/17/2006	133	0.7189	71.17	15.47	77.27	1.55	115.98	23.24	19.05	92.74	6.19	91.59	5.72	116.43	24.15	22.50	95.87	5.03	101.62
5/18/2006	126	0.6811	67.43	15.47	72.39	1.55	108.98	24.24	18.05	84.74	6.19	83.32	5.54	106.97	25.34	21.32	85.04	4.91	90.63
5/19/2006	125	0.6757	66.89	15.47	71.69	1.55	107.98	24.38	17.91	83.60	6.19	82.14	5.51	105.62	25.51	21.15	83.49	4.89	89.06
5/20/2006	121	0.6541	64.75	15.47	68.90	1.55	103.98	24.96	17.33	79.02	6.19	77.41	5.40	100.22	26.18	20.47	77.30	4.83	82.79
5/21/2006	114	0.6162	61.01	15.47	64.02	1.55	96.98	25.96	16.33	71.02	6.19	69.15	5.22	90.76	27.37	19.29	66.47	4.71	71.80
5/22/2006	107	0.5784	57.26	15.47	59.14	1.55	89.98	26.96	15.33	63.02	6.19	60.88	5.03	81.30	28.55	18.10	55.64	4.59	60.81
5/23/2006	102	0.5514	54.58	15.47	55.65	1.55	84.98	27.68	14.61	57.30	6.19	54.97	4.90	74.54	29.40	17.26	47.90	4.51	52.96
5/24/2006	120	0.6486	64.22	15.47	68.20	1.55	102.98	25.10	17.19	77.88	6.19	76.23	5.38	98.86	26.35	20.30	75.76	4.81	81.22
5/25/2006	111	0.6000	59.40	15.47	61.93	1.55	93.98	26.39	15.90	67.59	6.19	65.60	5.14	86.70	27.87	18.78	61.83	4.66	67.09
5/26/2006	109	0.5892	58.33	15.47	60.53	1.55	91.98	26.68	15.61	65.30	6.19	63.24	5.09	84.00	28.21	18.44	58.73	4.63	63.95
5/27/2006	204	1.1027	109.17	15.47	126.78	1.55	186.98	13.07	29.22	173.91	6.19	175.44	7.60	212.38	12.14	34.51	205.75	6.22	213.07
5/28/2006	211	1.1405	112.91	15.47	131.66	1.55	193.98	12.06	30.22	181.92	6.19	183.71	7.79	221.84	10.96	35.70	216.58	6.34	224.06
5/29/2006	132	0.7135	70.64	15.47	76.57	1.55	114.98	23.38	18.91	91.60	6.19	90.41	5.70	115.08	24.32	22.33	94.33	5.01	100.05
5/30/2006	109	0.5892	58.33	15.47	60.53	1.55	91.98	26.68	15.61	65.30	6.19	63.24	5.09	84.00	28.21	18.44	58.73	4.63	63.95
5/31/2006	99	0.5351	52.98	15.47	53.56	1.55	81.98	28.11	14.18	53.87	6.19	51.43	4.82	70.49	29.90	16.75	43.26	4.46	48.25
6/1/2006	85	0.4595	45.49	15.47	43.80	1.55	67.98	31.72	12.18	36.26	6.19	33.29	4.45	49.96	29.46	14.38	22.80	4.22	27.48
6/2/2006	112	0.6054	59.94	15.47	62.63	1.55	94.98	27.85	16.04	67.13	6.19	65.18	5.17	86.45	35.53	18.95	53.94	4.68	59.22
6/3/2006	190	1.0270	101.68	15.47	117.01	1.55	172.98	16.68	27.22	156.30	6.19	157.30	7.23	191.85	17.02	32.15	179.97	5.98	186.98
6/4/2006	198	1.0703	105.96	15.47	122.59	1.55	180.98	15.53	28.36	165.45	6.19	166.75	7.44	202.66	15.66	33.50	192.35	6.12	199.54
6/5/2006	164	0.8865	87.76	15.47	98.88	1.55	146.98	20.40	23.49	126.58	6.19	126.59	6.54	156.72	21.42	27.75	139.73	5.55	146.17
6/6/2006	132	0.7135	70.64	15.47	76.57	1.55	114.98	24.99	18.91	89.99	6.19	88.80	5.70	113.47	26.83	22.33	90.21	5.01	95.94
6/7/2006	116	0.6270	62.08	15.47	65.41	1.55	98.98	27.28	16.62	71.70	6.19	69.90	5.27	91.85	29.54	19.63	65.45	4.74	70.82
6/8/2006	109	0.5892	58.33	15.47	60.53	1.55	91.98	28.28	15.61	63.70	6.19	61.63	5.09	82.39	30.72	18.44	54.62	4.63	59.83
6/9/2006	88	0.4757	47.09	15.47	45.89	1.55	70.98	31.29	12.61	39.69	6.19	36.83	4.53	54.01	33.51	14.89	22.88	4.27	27.63
6/10/2006	82	0.4432	43.88	15.47	41.71	1.55	64.98	32.15	11.75	32.83	6.19	29.74	4.37	45.91	25.41	13.87	22.72	4.17	27.33
6/11/2006	77	0.4162	41.21	15.47	38.22	1.55	59.98	32.87	11.03	27.11	6.19	23.84	4.24	39.15	18.65	13.03	22.58	4.09	27.09
6/12/2006	73	0.3946	39.06	15.47	35.43	1.55	55.98	33.44	10.46	22.54	6.19	19.11	4.13	33.74	13.24	12.35	22.47	4.02	26.89
6/13/2006	71	0.3838	37.99	15.47	34.04	1.55	53.98	31.98	10.17	22.00	6.19	18.50	4.08	32.79	12.29	12.01	22.42	3.99	26.79
6/14/2006	79	0.4270	42.28	15.47	39.61	1.55	61.98	34.32	11.32	27.66	6.19	24.46	4.29	40.11	19.61	13.37	22.64	4.12	27.19
6/15/2006	76	0.4108	40.67	15.47	37.52	1.55	58.98	33.01	10.89	25.97	6.19	22.66	4.21	37.80	17.30	12.86	22.55	4.07	27.04
6/16/2006	69	0.3730	36.92	15.47	32.64	1.55	51.98	29.98	9.88	22.00	6.19	18.42	4.03	32.37	11.87	11.67	22.36	3.96	26.69
6/17/2006	65	0.3514	34.78	15.47	29.85	1.55	47.98	25.98	9.31	22.00	6.19	18.27	3.92	31.54	11.04	11.00	22.26	3.89	26.50
6/18/2006	61	0.3297	32.64	15.47	27.06	1.55	43.98	21.98	8.74	22.00	6.19	18.12	3.82	30.71	10.21	10.32	22.15	3.82	26.30



Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFS/mi <sup>2</sup>	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
6/19/2006	59	0.3189	31.57	15.47	25.67	1.55	41.98	19.98	8.45	22.00	6.19	18.04	3.76	30.29	9.79	9.98	22.09	3.79	26.20
6/20/2006	58	0.3135	31.04	15.14	25.31	1.55	41.31	19.31	8.31	22.00	6.19	18.01	3.74	30.08	9.58	9.81	22.07	3.77	26.15
6/21/2006	57	0.3081	30.50	14.60	25.14	1.55	40.85	18.85	8.16	22.00	6.19	17.97	3.71	29.87	9.37	9.64	22.04	3.76	26.10
6/22/2006	55	0.2973	29.43	13.53	24.82	1.55	39.92	17.92	7.88	22.00	6.19	17.89	3.66	29.46	8.96	9.31	21.99	3.72	26.01
6/23/2006	59	0.3189	31.57	15.47	25.67	1.55	41.98	19.98	8.45	22.00	6.19	18.04	3.76	30.29	9.79	9.98	22.09	3.79	26.20
6/24/2006	84	0.4541	44.95	15.47	43.10	1.55	66.98	44.98	12.03	22.00	6.19	18.99	4.42	35.49	14.99	14.21	22.77	4.21	27.43
6/25/2006	125	0.6757	66.89	15.47	71.69	1.55	107.98	54.15	17.91	53.83	6.19	52.37	5.51	75.85	54.15	21.15	25.07	4.89	30.65
6/26/2006	139	0.7514	74.38	15.47	81.45	1.55	121.98	54.15	19.91	67.83	6.19	66.90	5.88	92.76	54.15	23.52	42.37	5.13	48.25
6/27/2006	215	1.1622	115.05	15.47	134.45	1.55	197.98	49.19	30.80	148.80	6.19	150.74	7.89	189.55	54.15	36.38	141.21	6.40	148.77
6/28/2006	202	1.0919	108.10	15.47	125.38	1.55	184.98	14.96	28.94	170.02	6.19	171.47	7.55	208.07	54.15	34.18	159.37	6.18	166.65
6/29/2006	128	0.6919	68.50	15.47	73.78	1.55	110.98	25.56	18.34	85.42	6.19	84.07	5.59	108.07	54.15	21.66	57.37	4.94	63.01
6/30/2006	112	0.6054	59.94	15.47	62.63	1.55	94.98	27.85	16.04	67.13	6.19	65.18	5.17	86.45	54.15	18.95	35.32	4.68	40.60
7/1/2006	81	0.4380	43.36	15.47	41.02	1.55	64.00	31.70	11.61	32.31	6.19	29.18	4.35	45.18	24.68	13.71	22.69	4.16	27.29
7/2/2006	71	0.3839	38.01	15.47	34.05	1.55	54.00	32.00	10.17	22.00	6.19	18.50	4.08	32.79	12.29	12.02	22.42	3.99	26.79
7/3/2006	65	0.3515	34.80	15.47	29.87	1.55	48.00	26.00	9.31	22.00	6.19	18.27	3.92	31.54	11.04	11.00	22.26	3.89	26.50
7/4/2006	66	0.3569	35.33	15.47	30.56	1.55	49.00	27.00	9.46	22.00	6.19	18.31	3.95	31.75	11.25	11.17	22.28	3.91	26.55
7/5/2006	63	0.3407	33.73	15.47	28.47	1.55	46.00	24.00	9.03	22.00	6.19	18.20	3.87	31.13	10.63	10.66	22.20	3.86	26.40
7/6/2006	64	0.3461	34.26	15.47	29.17	1.55	47.00	25.00	9.17	22.00	6.19	18.23	3.90	31.33	10.83	10.83	22.23	3.87	26.45
7/7/2006	70	0.3771	37.33	15.47	33.17	1.55	52.74	30.74	9.99	22.00	6.19	18.45	4.05	32.53	12.03	11.80	22.39	3.97	26.73
7/8/2006	63	0.3392	33.58	15.47	28.29	1.55	45.74	23.74	8.99	22.00	6.19	18.19	3.86	31.07	10.57	10.62	22.20	3.85	26.39
7/9/2006	56	0.3014	29.84	13.94	24.94	1.55	40.27	18.27	7.99	22.00	6.19	17.92	3.68	29.62	9.12	9.43	22.01	3.73	26.04
7/10/2006	50	0.2690	26.63	10.73	23.97	1.55	37.48	15.48	7.13	22.00	6.19	17.69	3.52	28.37	7.87	8.42	21.84	3.63	25.75
7/11/2006	49	0.2636	26.09	10.19	23.81	1.55	37.02	15.02	6.98	22.00	6.19	17.66	3.49	28.16	7.66	8.25	21.82	3.62	25.70
7/12/2006	56	0.3014	29.84	13.94	24.94	1.55	40.27	18.27	7.99	22.00	6.19	17.92	3.68	29.62	9.12	9.43	22.01	3.73	26.04
7/13/2006	49	0.2636	26.09	10.19	23.81	1.55	37.02	15.02	6.98	22.00	6.19	17.66	3.49	28.16	7.66	8.25	21.82	3.62	25.70
7/14/2006	53	0.2852	28.23	12.33	24.46	1.55	38.88	16.88	7.56	22.00	6.19	17.81	3.60	28.99	8.49	8.93	21.93	3.68	25.90
7/15/2006	52	0.2798	27.70	11.80	24.29	1.55	38.41	16.41	7.41	22.00	6.19	17.77	3.57	28.78	8.28	8.76	21.90	3.67	25.85
7/16/2006	48	0.2582	25.56	9.66	23.64	1.55	36.55	14.55	6.84	22.00	6.19	17.62	3.47	27.95	7.45	8.08	21.79	3.60	25.65
7/17/2006	47	0.2528	25.02	9.12	23.48	1.55	36.09	14.09	6.70	22.00	6.19	17.58	3.44	27.74	7.24	7.91	21.76	3.58	25.60
7/18/2006	46	0.2484	24.59	8.69	23.35	1.55	35.72	13.72	6.58	22.00	6.19	17.55	3.42	27.58	7.08	7.78	21.74	3.57	25.56
7/19/2006	45	0.2430	24.06	8.51	22.84	1.55	34.90	12.90	6.44	22.00	6.19	17.51	3.39	27.37	6.87	7.61	21.72	3.55	25.51
7/20/2006	44	0.2376	23.52	8.51	22.14	1.55	33.90	11.90	6.30	22.00	6.19	17.47	3.36	27.16	6.66	7.44	21.69	3.54	25.46
7/21/2006	44	0.2376	23.52	8.51	22.14	1.55	33.90	11.90	6.30	22.00	6.19	17.47	3.36	27.16	6.66	7.44	21.69	3.54	25.46
7/22/2006	44	0.2376	23.52	8.51	22.14	1.55	33.90	11.90	6.30	22.00	6.19	17.47	3.36	27.16	6.66	7.44	21.69	3.54	25.46
7/23/2006	44	0.2376	23.52	8.51	22.14	1.55	33.90	11.90	6.30	22.00	6.19	17.47	3.36	27.16	6.66	7.44	21.69	3.54	25.46
7/24/2006	51	0.2750	27.22	11.32	24.15	1.55	38.00	16.00	7.29	22.00	6.19	17.74	3.55	28.60	8.10	8.61	21.87	3.65	25.80
7/25/2006	94	0.5071	50.21	15.47	49.95	1.55	76.80	54.15	13.44	22.65	6.19	20.01	4.69	38.18	17.68	15.87	23.04	4.37	27.92
7/26/2006	69	0.3723	36.86	15.47	32.55	1.55	51.85	29.85	9.87	22.00	6.19	18.42	4.02	32.34	11.84	11.65	22.36	3.95	26.69
7/27/2006	66	0.3561	35.25	15.47	30.46	1.55	48.85	26.85	9.44	22.00	6.19	18.30	3.94	31.72	11.22	11.14	22.28	3.90	26.54
7/28/2006	52	0.2804	27.76	11.86	24.31	1.55	38.47	16.47	7.43	22.00	6.19	17.77	3.57	28.81	8.31	8.78	21.90	3.67	25.85
7/29/2006	50	0.2696	26.69	10.79	23.99	1.55	37.54	15.54	7.14	22.00	6.19	17.70	3.52	28.39	7.89	8.44	21.85	3.64	25.75
7/30/2006	81	0.4372	43.28	15.47	40.92	1.55	63.85	41.85	11.58	22.00	6.19	18.87	4.34	34.84	14.34	13.68	22.69	4.16	27.28
7/31/2006	118	0.6390	63.26	15.47	66.96	1.55	101.20	54.15	16.93	47.04	6.19	45.33	5.33	67.66	47.16	20.00	23.70	4.78	29.12

Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFSM (CFS/mi <sup>2</sup> )	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
8/1/2006	84	0.4525	44.80	15.47	42.90	1.55	66.70	44.70	11.99	22.00	6.19	18.98	4.42	35.43	14.93	14.16	22.76	4.20	27.42
8/2/2006	60	0.3262	32.29	15.47	26.61	1.55	43.33	21.33	8.64	22.00	6.19	18.09	3.80	30.57	10.07	10.21	22.13	3.81	26.27
8/3/2006	52	0.2825	27.96	12.06	24.37	1.55	38.64	16.64	7.49	22.00	6.19	17.79	3.58	28.89	8.39	8.84	21.91	3.68	25.87
8/4/2006	49	0.2662	26.36	10.46	23.89	1.55	37.25	15.25	7.06	22.00	6.19	17.67	3.50	28.26	7.76	8.33	21.83	3.63	25.72
8/5/2006	59	0.3168	31.36	15.46	25.40	1.55	41.60	19.60	8.40	22.00	6.19	18.03	3.75	30.21	9.71	9.92	22.08	3.78	26.18
8/6/2006	75	0.4068	40.27	15.47	37.00	1.55	58.23	36.23	10.78	22.00	6.19	18.66	4.19	33.67	13.17	12.73	22.53	4.06	27.00
8/7/2006	94	0.5096	50.45	15.47	50.26	1.55	77.25	54.15	13.50	23.09	6.19	20.47	4.70	38.72	18.22	15.95	23.05	4.38	27.94
8/8/2006	74	0.3982	39.42	15.47	35.89	1.55	56.64	34.64	10.55	22.00	6.19	18.60	4.15	33.34	12.84	12.46	22.49	4.03	26.92
8/9/2006	58	0.3129	30.98	15.08	25.29	1.55	41.26	19.26	8.29	22.00	6.19	18.00	3.73	30.06	9.56	9.79	22.06	3.77	26.15
8/10/2006	62	0.3330	32.97	15.47	27.48	1.55	44.58	22.58	8.82	22.00	6.19	18.14	3.83	30.83	10.33	10.42	22.16	3.83	26.33
8/11/2006	75	0.4044	40.04	15.47	36.70	1.55	57.80	35.80	10.72	22.00	6.19	18.64	4.18	33.58	13.08	12.66	22.52	4.05	26.98
8/12/2006	78	0.4219	41.77	15.47	38.95	1.55	61.03	39.03	11.18	22.00	6.19	18.76	4.27	34.25	13.75	13.21	22.61	4.11	27.14
8/13/2006	95	0.5138	50.87	15.47	50.81	1.55	78.03	54.15	13.62	23.88	6.19	21.29	4.72	39.67	19.17	16.08	23.07	4.39	27.98
8/14/2006	76	0.4104	40.63	15.47	37.47	1.55	58.91	36.91	10.88	22.00	6.19	18.68	4.21	33.81	13.31	12.85	22.55	4.07	27.03
8/15/2006	72	0.3870	38.31	15.47	34.45	1.55	54.57	32.57	10.25	22.00	6.19	18.52	4.10	32.91	12.41	12.11	22.43	4.00	26.82
8/16/2006	61	0.3306	32.73	15.47	27.18	1.55	44.14	22.14	8.76	22.00	6.19	18.13	3.82	30.74	10.24	10.35	22.15	3.82	26.31
8/17/2006	106	0.5751	56.93	15.47	58.71	1.55	89.37	54.15	15.24	35.21	6.19	33.05	5.02	53.37	32.87	18.00	23.38	4.58	28.53
8/18/2006	68	0.3662	36.26	15.47	31.77	1.55	50.74	28.74	9.71	22.00	6.19	18.37	3.99	32.11	11.61	11.46	22.33	3.94	26.63
8/19/2006	59	0.3176	31.44	15.47	25.50	1.55	41.74	19.74	8.42	22.00	6.19	18.03	3.76	30.24	9.74	9.94	22.09	3.78	26.19
8/20/2006	50	0.2689	26.63	10.73	23.97	1.55	37.48	15.48	7.13	22.00	6.19	17.69	3.52	28.37	7.87	8.42	21.84	3.63	25.75
8/21/2006	56	0.3014	29.84	13.94	24.94	1.55	40.27	18.27	7.99	22.00	6.19	17.92	3.68	29.61	9.11	9.43	22.01	3.73	26.04
8/22/2006	54	0.2918	28.88	12.98	24.65	1.55	39.44	17.44	7.73	22.00	6.19	17.85	3.63	29.24	8.74	9.13	21.96	3.70	25.96
8/23/2006	80	0.4299	42.56	15.47	39.98	1.55	62.50	40.50	11.39	22.00	6.19	18.82	4.31	34.56	14.06	13.45	22.65	4.13	27.21
8/24/2006	157	0.8479	83.94	15.47	93.91	1.55	139.84	54.15	22.47	85.69	6.19	85.43	6.35	114.34	54.15	26.54	64.43	5.43	70.70
8/25/2006	113	0.6107	60.46	15.47	63.31	1.55	95.96	54.15	16.18	41.81	6.19	39.90	5.19	61.33	40.83	19.12	23.55	4.69	28.86
8/26/2006	135	0.7272	71.99	15.47	78.34	1.55	117.51	54.15	19.27	63.36	6.19	62.26	5.76	87.36	54.15	22.76	36.85	5.05	42.63
8/27/2006	96	0.5164	51.12	15.47	51.14	1.55	78.51	54.15	13.68	24.36	6.19	21.78	4.73	40.25	19.75	16.16	23.08	4.40	28.00
8/28/2006	82	0.4407	43.63	15.47	41.38	1.55	64.51	42.51	11.68	22.00	6.19	18.90	4.36	34.98	14.48	13.79	22.70	4.17	27.31
8/29/2006	62	0.3377	33.43	15.47	28.09	1.55	45.45	23.45	8.95	22.00	6.19	18.17	3.85	31.01	10.51	10.57	22.19	3.85	26.37
8/30/2006	62	0.3351	33.18	15.47	27.76	1.55	44.97	22.97	8.88	22.00	6.19	18.16	3.84	30.91	10.41	10.49	22.18	3.84	26.35
8/31/2006	62	0.3346	33.13	15.47	27.69	1.55	44.88	22.88	8.87	22.00	6.19	18.15	3.84	30.89	10.39	10.47	22.17	3.84	26.34
9/1/2006	68	0.3696	36.59	15.47	32.21	1.55	51.36	29.36	9.80	22.00	6.19	18.40	4.01	32.24	11.74	11.57	22.35	3.95	26.66
9/2/2006	82	0.4419	43.75	15.47	41.53	1.55	64.73	42.73	11.71	22.00	6.19	18.90	4.37	35.02	14.52	13.83	22.71	4.17	27.32
9/3/2006	89	0.4837	47.89	15.47	46.93	1.55	72.47	50.47	12.82	22.00	6.19	19.20	4.57	36.63	16.13	15.14	22.92	4.30	27.70
9/4/2006	97	0.5270	52.17	15.47	52.51	1.55	80.47	54.15	13.96	26.32	6.19	23.82	4.78	42.61	22.11	16.49	23.13	4.43	28.10
9/5/2006	76	0.4090	40.49	15.47	37.29	1.55	58.64	36.64	10.84	22.00	6.19	18.67	4.20	33.76	13.26	12.80	22.54	4.07	27.02
9/6/2006	73	0.3940	39.00	15.47	35.35	1.55	55.87	33.87	10.44	22.00	6.19	18.57	4.13	33.18	12.68	12.33	22.47	4.02	26.89
9/7/2006	64	0.3478	34.44	15.47	29.40	1.55	47.33	25.33	9.22	22.00	6.19	18.25	3.90	31.40	10.90	10.89	22.24	3.88	26.47
9/8/2006	57	0.3087	30.56	14.66	25.16	1.55	40.90	18.90	8.18	22.00	6.19	17.97	3.71	29.90	9.40	9.66	22.04	3.76	26.11
9/9/2006	54	0.2925	28.95	13.05	24.67	1.55	39.50	17.50	7.75	22.00	6.19	17.86	3.63	29.27	8.77	9.15	21.96	3.71	25.96
9/10/2006	51	0.2762	27.35	11.45	24.19	1.55	38.11	16.11	7.32	22.00	6.19	17.74	3.55	28.65	8.15	8.65	21.88	3.66	25.81
9/11/2006	48	0.2600	25.74	9.84	23.70	1.55	36.72	14.72	6.89	22.00	6.19	17.63	3.47	28.02	7.52	8.14	21.80	3.61	25.67
9/12/2006	46	0.2492	24.67	8.77	23.38	1.55	35.79	13.79	6.60	22.00	6.19	17.56	3.42	27.61	7.11	7.80	21.75	3.57	25.57



Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFSM (CFS/mi <sup>2</sup> )	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
9/13/2006	65	0.3519	34.84	15.47	29.93	1.55	48.09	26.09	9.33	22.00	6.19	18.27	3.92	31.56	11.06	11.02	22.26	3.89	26.50
9/14/2006	155	0.8376	82.92	15.47	92.57	1.55	137.93	54.15	22.20	83.77	6.19	83.45	6.30	112.03	54.15	26.22	62.07	5.40	68.30
9/15/2006	237	1.2808	126.80	15.47	149.75	1.55	219.92	54.15	33.94	165.77	6.19	168.55	8.48	211.09	54.15	40.09	163.34	6.77	171.39
9/16/2006	186	1.0046	99.45	15.47	114.12	1.55	168.82	54.15	26.62	114.67	6.19	115.51	7.12	149.36	54.15	31.44	100.23	5.91	107.14
9/17/2006	110	0.5970	59.10	15.47	61.54	1.55	93.42	54.15	15.82	39.27	6.19	37.26	5.13	58.26	37.76	18.69	23.48	4.65	28.73
9/18/2006	83	0.4463	44.19	15.47	42.10	1.55	65.55	43.55	11.83	22.00	6.19	18.94	4.39	35.19	14.69	13.97	22.73	4.18	27.36
9/19/2006	91	0.4928	48.78	15.47	48.09	1.55	74.14	52.14	13.06	22.00	6.19	19.26	4.61	36.98	16.48	15.42	22.96	4.33	27.78
9/20/2006	75	0.4054	40.13	15.47	36.82	1.55	57.97	35.97	10.74	22.00	6.19	18.65	4.19	33.62	13.12	12.69	22.53	4.06	26.99
9/21/2006	70	0.3780	37.42	15.47	33.29	1.55	52.91	30.91	10.02	22.00	6.19	18.46	4.05	32.56	12.06	11.83	22.39	3.97	26.74
9/22/2006	50	0.2728	27.00	11.10	24.08	1.55	37.81	15.81	7.23	22.00	6.19	17.72	3.54	28.51	8.01	8.54	21.86	3.65	25.78
9/23/2006	60	0.3264	32.31	15.47	26.63	1.55	43.37	21.37	8.65	22.00	6.19	18.10	3.80	30.58	10.08	10.22	22.13	3.81	26.27
9/24/2006	59	0.3210	31.78	15.47	25.94	1.55	42.37	20.37	8.51	22.00	6.19	18.06	3.77	30.37	9.87	10.05	22.11	3.80	26.22
9/25/2006	76	0.4129	40.88	15.47	37.79	1.55	59.37	37.37	10.94	22.00	6.19	18.70	4.22	33.91	13.41	12.92	22.56	4.08	27.06
9/26/2006	72	0.3885	38.46	15.47	34.64	1.55	54.85	32.85	10.29	22.00	6.19	18.53	4.10	32.97	12.47	12.16	22.44	4.00	26.84
9/27/2006	56	0.3047	30.16	14.26	25.04	1.55	40.55	18.55	8.07	22.00	6.19	17.94	3.69	29.74	9.24	9.54	22.02	3.74	26.07
9/28/2006	46	0.2489	24.64	8.74	23.37	1.55	35.76	13.76	6.60	22.00	6.19	17.55	3.42	27.59	7.09	7.79	21.74	3.57	25.57
9/29/2006	41	0.2233	22.11	8.51	20.30	0.77	32.03	10.03	5.92	22.00	6.19	17.37	3.29	26.61	6.11	6.99	21.62	3.49	25.33
9/30/2006	40	0.2179	21.57	8.51	19.60	0.77	31.03	9.03	5.77	22.00	6.19	17.34	3.27	26.40	5.90	6.82	21.59	3.48	25.28
10/1/2006	45	0.2435	24.11	8.51	22.90	1.55	34.99	12.99	6.45	22.00	6.19	17.52	3.39	27.39	6.89	7.62	21.72	3.55	25.52
10/2/2006	43	0.2299	22.76	8.51	21.15	1.19	32.83	10.83	6.09	22.00	6.19	17.42	3.33	26.86	6.36	7.20	21.65	3.51	25.39
10/3/2006	41	0.2241	22.19	8.51	20.41	0.77	32.18	10.18	5.94	22.00	6.19	17.38	3.30	26.64	6.14	7.02	21.62	3.49	25.34
10/4/2006	39	0.2133	21.12	8.51	19.01	0.77	30.18	8.18	5.65	22.00	6.19	17.30	3.25	26.22	5.72	6.68	21.57	3.46	25.24
10/5/2006	39	0.2133	21.12	8.51	19.01	0.77	30.18	8.18	5.65	22.00	6.19	17.30	3.25	26.22	5.72	6.68	21.57	3.46	25.24
10/6/2006	39	0.2133	21.12	8.51	19.01	0.77	30.18	8.18	5.65	22.00	6.19	17.30	3.25	26.22	5.72	6.68	21.57	3.46	25.24
10/7/2006	38	0.2079	20.59	8.51	18.31	0.77	29.18	7.18	5.51	22.00	6.19	17.27	3.22	26.02	5.52	6.51	21.54	3.44	25.19
10/8/2006	38	0.2079	20.59	8.51	18.31	0.77	29.18	7.18	5.51	22.00	6.19	17.27	3.22	26.02	5.52	6.51	21.54	3.44	25.19
10/9/2006	38	0.2079	20.59	8.51	18.31	0.77	29.18	7.18	5.51	22.00	6.19	17.27	3.22	26.02	5.52	6.51	21.54	3.44	25.19
10/10/2006	38	0.2079	20.59	8.51	18.31	0.77	29.18	7.18	5.51	22.00	6.19	17.27	3.22	26.02	5.52	6.51	21.54	3.44	25.19
10/11/2006	38	0.2079	20.59	8.51	18.31	0.77	29.18	7.18	5.51	22.00	6.19	17.27	3.22	26.02	5.52	6.51	21.54	3.44	25.19
10/12/2006	38	0.2079	20.59	8.51	18.31	0.77	29.18	7.18	5.51	22.00	6.19	17.27	3.22	26.02	5.52	6.51	21.54	3.44	25.19
10/13/2006	38	0.2079	20.59	8.51	18.31	0.77	29.18	7.18	5.51	22.00	6.19	17.27	3.22	26.02	5.52	6.51	21.54	3.44	25.19
10/14/2006	38	0.2079	20.59	8.51	18.31	0.77	29.18	7.18	5.51	22.00	6.19	17.27	3.22	26.02	5.52	6.51	21.54	3.44	25.19
10/15/2006	38	0.2079	20.59	8.51	18.31	0.77	29.18	7.18	5.51	22.00	6.19	17.27	3.22	26.02	5.52	6.51	21.54	3.44	25.19
10/16/2006	37	0.2025	20.05	8.51	17.62	0.77	28.18	6.18	5.37	22.00	6.19	17.23	3.19	25.81	5.31	6.34	21.51	3.43	25.14
10/17/2006	42	0.2249	22.26	8.51	20.50	0.77	32.32	10.32	5.96	22.00	6.19	17.39	3.30	26.67	6.17	7.04	21.62	3.50	25.35
10/18/2006	66	0.3582	35.46	15.47	30.73	1.55	49.24	27.24	9.49	22.00	6.19	18.32	3.96	31.80	11.30	11.21	22.29	3.91	26.56
10/19/2006	118	0.6357	62.94	15.47	66.54	1.55	100.59	54.15	16.85	46.44	6.19	44.70	5.32	66.92	46.42	19.90	23.68	4.77	29.09
10/20/2006	81	0.4396	43.52	15.47	41.24	1.55	64.31	42.31	11.65	22.00	6.19	18.89	4.35	34.94	14.44	13.76	22.70	4.16	27.30
10/21/2006	68	0.3693	36.56	15.47	32.17	1.55	51.31	29.31	9.79	22.00	6.19	18.40	4.01	32.23	11.73	11.56	22.35	3.95	26.66
10/22/2006	65	0.3531	34.96	15.47	30.08	1.55	48.31	26.31	9.36	22.00	6.19	18.28	3.93	31.61	11.11	11.05	22.27	3.89	26.51
10/23/2006	55	0.2997	29.67	13.77	24.89	1.55	40.13	18.13	7.94	22.00	6.19	17.91	3.67	29.55	9.05	9.38	22.00	3.73	26.03
10/24/2006	49	0.2633	26.06	10.16	23.80	1.55	36.99	14.99	6.98	22.00	6.19	17.65	3.49	28.15	7.65	8.24	21.82	3.62	25.70
10/25/2006	51	0.2771	27.43	11.53	24.21	1.55	38.18	16.18	7.34	22.00	6.19	17.75	3.56	28.68	8.18	8.67	21.89	3.66	25.82

Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFS/mi <sup>2</sup>	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
10/26/2006	49	0.2663	26.36	10.46	23.89	1.55	37.25	15.25	7.06	22.00	6.19	17.67	3.50	28.26	7.76	8.33	21.83	3.63	25.72
10/27/2006	68	0.3690	36.53	15.47	32.13	1.55	51.24	29.24	9.78	22.00	6.19	18.39	4.01	32.22	11.72	11.55	22.34	3.94	26.66
10/28/2006	225	1.2149	120.27	15.47	141.25	1.55	207.73	54.15	32.19	153.58	6.19	155.90	8.15	196.36	54.15	38.03	148.28	6.57	156.07
10/29/2006	312	1.6880	167.12	15.47	202.29	1.55	295.27	54.15	44.73	241.11	6.19	246.74	10.47	302.12	54.15	52.84	256.40	8.03	266.12
10/30/2006	273	1.4738	145.91	15.47	174.65	1.55	255.63	54.15	39.06	201.48	6.19	205.61	9.42	254.23	54.15	46.13	207.45	7.37	216.29
10/31/2006	127	0.6873	68.05	15.47	73.20	1.55	110.14	54.15	18.21	55.99	6.19	54.61	5.57	78.46	54.15	21.51	27.74	4.93	33.36
11/1/2006	107	0.5794	57.36	15.47	59.27	1.55	90.17	54.15	15.35	36.02	6.19	33.89	5.04	54.34	33.84	18.14	23.40	4.60	28.57
11/2/2006	90	0.4843	47.95	15.47	47.00	1.55	72.58	50.58	12.83	22.00	6.19	19.20	4.57	36.66	16.16	15.16	22.92	4.30	27.71
11/3/2006	78	0.4209	41.67	15.47	38.83	1.55	60.85	38.85	11.15	22.00	6.19	18.76	4.26	34.22	13.72	13.18	22.60	4.10	27.13
11/4/2006	76	0.4129	40.87	15.47	37.79	1.55	59.36	37.36	10.94	22.00	6.19	18.70	4.22	33.91	13.41	12.92	22.56	4.08	27.06
11/5/2006	69	0.3705	36.68	15.47	32.32	1.55	51.52	29.52	9.82	22.00	6.19	18.40	4.02	32.28	11.78	11.60	22.35	3.95	26.67
11/6/2006	71	0.3820	37.82	15.47	33.81	1.55	53.65	31.65	10.12	22.00	6.19	18.49	4.07	32.72	12.22	11.96	22.41	3.98	26.78
11/7/2006	79	0.4275	42.33	15.47	39.68	1.55	62.08	40.08	11.33	22.00	6.19	18.80	4.30	34.47	13.97	13.38	22.64	4.13	27.19
11/8/2006	96	0.5192	51.40	15.47	51.50	1.55	79.03	54.15	13.76	24.87	6.19	22.32	4.74	40.87	20.37	16.25	23.10	4.41	28.02
11/9/2006	132	0.7138	70.66	15.47	76.60	1.55	115.03	54.15	18.91	60.87	6.19	59.68	5.70	84.37	54.15	22.34	33.78	5.01	39.51
11/10/2006	134	0.7246	71.73	15.47	78.00	1.55	117.03	54.15	19.20	62.87	6.19	61.76	5.75	86.78	54.15	22.68	36.25	5.05	42.02
11/11/2006	104	0.5624	55.68	15.47	57.08	1.55	87.03	54.15	14.90	32.87	6.19	30.62	4.96	50.54	30.04	17.60	23.31	4.54	28.42
11/12/2006	92	0.4982	49.33	15.47	48.80	1.55	75.16	53.16	13.20	22.00	6.19	19.30	4.64	37.19	16.69	15.60	22.99	4.34	27.83
11/13/2006	87	0.4722	46.75	15.47	45.44	1.55	70.34	48.34	12.51	22.00	6.19	19.12	4.51	36.19	15.69	14.78	22.86	4.26	27.60
11/14/2006	95	0.5132	50.81	15.47	50.73	1.55	77.92	49.71	13.60	28.21	6.19	25.62	4.71	43.98	23.48	16.06	23.07	4.39	27.97
11/15/2006	106	0.5728	56.71	15.47	58.43	1.55	88.96	19.76	15.18	69.20	6.19	67.02	5.01	87.27	54.15	17.93	35.98	4.58	41.13
11/16/2006	370	1.9993	197.93	15.47	242.43	1.55	352.85	0.00	52.98	352.85	6.19	360.65	30.04	443.87	54.15	62.58	399.71	9.00	410.71
11/17/2006	525	2.8373	280.90	15.47	350.55	1.55	507.89	0.00	75.19	507.89	6.19	521.56	56.36	653.39	54.15	88.81	613.42	11.60	627.86
11/18/2006	748	4.0428	400.23	15.47	506.05	1.55	730.89	0.00	107.13	730.89	6.19	753.00	94.21	954.75	54.15	126.54	920.81	15.33	940.18
11/19/2006	447	2.4150	239.09	15.47	296.07	1.55	429.76	0.00	64.00	429.76	6.19	440.48	43.09	547.81	54.15	75.59	505.73	10.29	518.43
11/20/2006	234	1.2670	125.43	15.47	147.97	1.55	217.38	1.36	33.58	216.02	6.19	218.70	8.41	260.81	54.15	39.66	212.99	6.73	220.99
11/21/2006	180	0.9727	96.30	15.47	110.01	1.55	162.94	9.16	25.78	153.78	6.19	154.40	6.97	187.24	54.15	30.45	137.95	5.82	144.74
11/22/2006	118	0.6369	63.05	15.47	66.68	1.55	100.80	18.06	16.88	82.74	6.19	81.01	5.32	103.27	54.15	19.93	52.30	4.77	57.71
11/23/2006	116	0.6289	62.26	15.47	65.66	1.55	99.33	18.27	16.67	81.06	6.19	79.28	5.28	101.29	54.15	19.69	50.28	4.75	55.66
11/24/2006	137	0.7379	73.05	15.47	79.72	1.55	119.49	15.38	19.55	104.11	6.19	103.09	5.82	128.53	54.15	23.10	78.07	5.09	83.89
11/25/2006	101	0.5479	54.24	15.47	55.20	1.55	84.33	20.42	14.52	63.91	6.19	61.56	4.88	81.02	54.15	17.15	29.60	4.50	34.65
11/26/2006	110	0.5950	58.90	15.47	61.28	1.55	93.05	19.17	15.77	73.88	6.19	71.86	5.12	92.80	54.15	18.62	41.62	4.64	46.86
11/27/2006	108	0.5846	57.88	15.47	59.94	1.55	91.13	19.45	15.49	71.69	6.19	69.59	5.06	90.21	54.15	18.30	38.97	4.61	44.17
11/28/2006	102	0.5539	54.84	15.47	55.98	1.55	85.45	20.26	14.68	65.19	6.19	62.88	4.91	82.53	54.15	17.34	31.14	4.52	36.22
11/29/2006	99	0.5350	52.97	15.47	53.55	1.55	81.96	20.76	14.18	61.20	6.19	58.76	4.82	77.81	54.15	16.75	26.33	4.46	31.33
11/30/2006	93	0.5049	49.98	15.47	49.66	1.55	76.38	21.56	13.38	54.83	6.19	52.17	4.67	70.27	49.77	15.80	23.02	4.37	27.89
12/1/2006	97	0.5265	52.12	15.47	52.44	1.55	80.38	22.54	13.95	57.84	6.19	55.34	4.78	74.12	53.62	16.48	23.13	4.43	28.09
12/2/2006	134	0.7217	71.45	15.47	77.63	1.55	116.50	17.36	19.13	99.13	6.19	98.00	5.74	122.93	54.15	22.59	72.38	5.04	78.14
12/3/2006	130	0.7001	69.31	15.47	74.84	1.55	112.50	17.93	18.55	94.56	6.19	93.27	5.63	117.52	54.15	21.91	66.87	4.97	72.54
12/4/2006	111	0.5979	59.19	15.47	61.66	1.55	93.60	20.64	15.84	72.95	6.19	70.95	5.13	91.98	54.15	18.71	40.82	4.65	46.07
12/5/2006	106	0.5732	56.75	15.47	58.47	1.55	89.03	21.30	15.19	67.73	6.19	65.55	5.01	85.81	54.15	17.94	34.52	4.58	39.67
12/6/2006	100	0.5390	53.36	15.47	54.06	1.55	82.70	22.20	14.28	60.50	6.19	58.08	4.84	77.26	54.15	16.87	25.81	4.47	30.82
12/7/2006	98	0.5294	52.41	15.47	52.82	1.55	80.92	22.46	14.03	58.47	6.19	55.99	4.79	74.86	54.15	16.57	23.35	4.44	28.33

Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFS(mi <sup>2</sup> )	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
12/8/2006	95	0.5115	50.64	15.47	50.52	1.55	77.62	22.93	13.56	54.68	6.19	52.08	4.71	70.39	49.89	16.01	23.06	4.39	27.96
12/9/2006	93	0.5013	49.63	15.47	49.20	1.55	75.72	23.20	13.28	52.52	6.19	49.84	4.66	67.83	47.33	15.69	23.01	4.35	27.86
12/10/2006	91	0.4905	48.56	15.47	47.80	1.55	73.72	23.49	13.00	50.24	6.19	47.48	4.60	65.13	44.63	15.35	22.95	4.32	27.76
12/11/2006	91	0.4905	48.56	15.47	47.80	1.55	73.72	23.49	13.00	50.24	6.19	47.48	4.60	65.13	44.63	15.35	22.95	4.32	27.76
12/12/2006	93	0.5042	49.92	15.47	49.58	1.55	76.27	23.12	13.36	53.14	6.19	50.48	4.67	68.57	48.07	15.78	23.02	4.36	27.89
12/13/2006	97	0.5216	51.64	15.47	51.82	1.55	79.48	22.66	13.82	56.82	6.19	54.28	4.76	72.91	52.41	16.33	23.11	4.42	28.05
12/14/2006	96	0.5165	51.13	15.47	51.16	1.55	78.53	22.80	13.69	55.73	6.19	53.16	4.73	71.63	51.13	16.17	23.08	4.40	28.00
12/15/2006	90	0.4864	48.15	15.47	47.27	1.55	72.96	23.60	12.89	49.36	6.19	46.58	4.58	64.10	43.60	15.22	22.93	4.31	27.73
12/16/2006	88	0.4756	47.08	15.47	45.87	1.55	70.96	23.88	12.60	47.07	6.19	44.21	4.53	61.39	40.89	14.88	22.88	4.27	27.63
12/17/2006	91	0.4918	48.69	15.47	47.97	1.55	73.96	23.45	13.03	50.50	6.19	47.76	4.61	65.45	44.95	15.39	22.96	4.32	27.78
12/18/2006	98	0.5321	52.68	15.47	53.17	1.55	81.42	22.39	14.10	59.03	6.19	56.57	4.81	75.53	54.15	16.65	24.04	4.45	29.02
12/19/2006	94	0.5062	50.12	15.47	49.83	1.55	76.63	23.07	13.42	53.56	6.19	50.92	4.68	69.06	48.56	15.84	23.03	4.37	27.91
12/20/2006	84	0.4564	45.18	15.47	43.40	1.55	67.41	24.39	12.09	43.02	6.19	40.02	4.44	56.60	36.10	14.28	22.78	4.21	27.45
12/21/2006	82	0.4456	44.11	15.47	42.01	1.55	65.41	24.68	11.81	40.73	6.19	37.66	4.38	53.90	33.40	13.95	22.73	4.18	27.35
12/22/2006	113	0.6131	60.70	15.47	63.62	1.55	96.41	20.24	16.25	76.17	6.19	74.28	5.20	95.79	54.15	19.19	44.70	4.70	50.01
12/23/2006	143	0.7705	76.28	15.47	83.92	1.55	125.52	16.07	20.42	109.45	6.19	108.65	5.98	135.12	54.15	24.12	84.82	5.19	90.78
12/24/2006	143	0.7744	76.66	15.47	84.42	1.55	126.24	15.97	20.52	110.28	6.19	109.51	5.99	136.10	54.15	24.24	85.82	5.20	91.79
12/25/2006	198	1.0717	106.10	15.47	122.77	1.55	181.24	8.09	28.40	173.15	6.19	174.47	7.45	210.42	54.15	33.54	161.63	6.12	168.82
12/26/2006	369	1.9960	197.60	15.47	242.01	1.55	352.24	0.00	52.89	352.24	6.19	360.02	28.39	441.51	54.15	62.47	397.33	8.99	408.31
12/27/2006	317	1.7152	169.81	15.47	205.79	1.55	300.29	0.00	45.45	300.29	6.19	306.11	19.57	371.31	54.15	53.69	325.73	8.12	335.56
12/28/2006	226	1.2197	120.75	15.47	141.87	1.55	208.63	4.16	32.32	204.47	6.19	206.82	8.18	247.44	54.15	38.18	199.38	6.58	207.19
12/29/2006	146	0.7887	78.08	15.47	86.27	1.55	128.89	15.59	20.90	113.30	6.19	112.63	6.06	139.68	54.15	24.69	89.46	5.25	95.50
12/30/2006	125	0.6771	67.03	15.47	71.87	1.55	108.24	18.54	17.94	89.70	6.19	88.25	5.52	111.78	54.15	21.19	61.01	4.90	66.58
12/31/2006	124	0.6717	66.50	15.47	71.17	1.55	107.24	18.69	17.80	88.55	6.19	87.07	5.49	110.42	54.15	21.02	59.63	4.88	65.18
1/1/2007	208	1.1226	111.13	15.47	129.34	1.55	190.65	5.67	29.75	184.98	6.19	186.65	7.70	224.21	54.15	35.14	175.67	6.28	183.07
1/2/2007	388	2.0981	207.72	15.47	255.19	1.55	371.14	0.00	55.60	371.14	6.19	379.64	32.66	468.11	51.49	65.67	427.11	9.30	438.51
1/3/2007	655	3.5380	350.26	15.47	440.93	1.55	637.51	0.00	93.76	637.51	6.19	656.09	77.88	828.08	0.00	110.74	845.77	88.58	937.89
1/4/2007	419	2.2646	224.19	15.47	276.66	1.55	401.93	0.00	60.01	401.93	6.19	411.59	37.89	509.72	0.00	70.88	521.04	44.77	568.08
1/5/2007	247	1.3347	132.14	15.47	156.71	1.55	229.90	0.05	35.37	229.86	6.19	233.01	8.74	277.25	0.00	41.78	283.93	12.79	298.05
1/6/2007	265	1.4339	141.95	15.47	169.50	1.55	248.25	0.00	38.00	248.25	6.19	252.10	11.81	302.04	0.00	44.88	309.21	16.20	326.85
1/7/2007	281	1.5204	150.52	15.47	180.66	1.55	264.25	0.00	40.29	264.25	6.19	268.70	14.52	323.67	0.00	47.59	331.27	19.17	351.96
1/8/2007	461	2.4942	246.92	15.47	306.28	1.55	444.40	0.00	66.10	444.40	6.19	455.67	45.10	567.12	0.00	78.07	579.59	52.67	634.76
1/9/2007	674	3.6418	360.53	15.47	454.32	1.55	656.71	0.00	96.51	656.71	6.19	676.01	81.13	854.01	0.00	113.99	872.22	92.15	968.02
1/10/2007	701	3.7900	375.21	15.47	473.44	1.55	684.13	0.00	100.44	684.13	6.19	704.47	85.79	891.07	0.00	118.63	910.02	97.25	1011.06
1/11/2007	423	2.2854	226.26	15.47	279.35	1.55	405.79	0.00	60.56	405.79	6.19	415.60	38.54	514.93	0.00	71.53	526.36	45.49	574.14
1/12/2007	275	1.4842	146.94	15.47	175.99	1.55	257.56	0.00	39.33	257.56	6.19	261.76	13.39	314.62	0.00	46.46	322.04	17.93	341.46
1/13/2007	224	1.2118	119.97	15.47	140.85	1.55	207.16	3.31	32.11	203.86	6.19	206.15	8.14	246.52	0.00	37.93	252.58	8.56	262.35
1/14/2007	197	1.0659	105.52	15.47	122.02	1.55	180.16	7.17	28.25	172.99	6.19	174.26	7.42	210.04	2.57	33.36	212.80	6.10	219.97
1/15/2007	181	0.9794	96.96	15.47	110.87	1.55	164.16	9.47	25.95	154.70	6.19	155.37	7.00	188.42	5.27	30.65	188.04	5.84	194.86
1/16/2007	172	0.9307	92.14	15.47	104.59	1.55	155.16	10.75	24.66	144.41	6.19	144.74	6.76	176.25	6.80	29.13	174.11	5.69	180.73
1/17/2007	161	0.8713	86.25	15.47	96.92	1.55	144.16	12.33	23.09	131.83	6.19	131.74	6.47	161.39	8.66	27.27	157.09	5.50	163.46
1/18/2007	153	0.8280	81.97	15.47	91.34	1.55	136.16	13.48	21.94	122.69	6.19	122.29	6.26	150.58	10.01	25.92	144.71	5.37	150.90
1/19/2007	152	0.8226	81.44	15.47	90.64	1.55	135.16	13.62	21.80	121.54	6.19	121.11	6.23	149.23	10.18	25.75	143.16	5.35	149.33

Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFS/mi <sup>2</sup>	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
1/20/2007	149	0.8064	79.83	15.47	88.55	1.55	132.16	14.05	21.37	118.11	6.19	117.57	6.15	145.17	10.69	25.24	138.52	5.30	144.62
1/21/2007	144	0.7794	77.16	15.47	85.07	1.55	127.16	14.77	20.65	112.40	6.19	111.67	6.02	138.42	11.53	24.39	130.78	5.22	136.78
1/22/2007	231	1.2496	123.71	15.47	145.73	1.55	214.16	2.30	33.12	211.86	6.19	214.42	8.32	255.98	0.00	39.11	262.23	9.86	273.34
1/23/2007	344	1.8596	184.10	15.47	224.41	1.55	327.00	0.00	49.28	327.00	6.19	333.83	25.17	408.47	0.00	58.20	417.76	30.84	450.47
1/24/2007	376	2.0337	201.34	15.47	246.87	1.55	359.21	0.00	53.89	359.21	6.19	367.26	30.64	452.00	0.00	63.65	462.16	36.83	501.03
1/25/2007	257	1.3914	137.75	15.47	164.02	1.55	240.39	0.00	36.87	240.39	6.19	243.95	10.47	291.43	0.00	43.55	298.39	14.74	314.52
1/26/2007	190	1.0290	101.87	15.47	117.27	1.55	173.34	8.15	27.27	165.19	6.19	166.21	7.24	200.82	3.72	32.21	202.25	5.99	209.27
1/27/2007	178	0.9609	95.13	15.47	108.48	1.55	160.74	9.96	25.46	150.79	6.19	151.32	6.91	183.79	5.85	30.08	182.74	5.78	189.48
1/28/2007	165	0.8929	88.40	15.47	99.71	1.55	148.16	11.76	23.66	136.41	6.19	136.47	6.58	166.79	7.98	27.95	163.28	5.57	169.74
1/29/2007	156	0.8442	83.58	15.47	93.43	1.55	139.16	13.05	22.37	126.12	6.19	125.84	6.34	154.63	9.50	26.42	149.35	5.42	155.61
1/30/2007	148	0.8010	79.30	15.47	87.86	1.55	131.16	14.19	21.23	116.97	6.19	116.39	6.12	143.82	10.86	25.07	136.97	5.28	143.05
1/31/2007	141	0.7632	75.55	15.47	82.97	1.55	124.16	15.20	20.22	108.97	6.19	108.12	5.94	134.36	12.04	23.89	126.14	5.17	132.07
2/1/2007	166	0.8996	89.06	15.47	100.58	1.55	149.41	12.42	23.84	137.00	6.19	137.10	6.61	167.64	9.07	28.16	163.07	5.59	169.55
2/2/2007	261	1.4131	139.90	15.47	166.82	1.55	244.41	0.00	37.45	244.41	6.19	248.11	10.32	296.02	0.00	44.23	303.09	14.18	318.68
2/3/2007	374	2.0239	200.37	15.47	245.62	1.55	357.41	0.00	53.63	357.41	6.19	365.39	29.50	448.72	0.00	63.35	458.84	35.19	496.06
2/4/2007	292	1.5807	156.49	15.47	188.44	1.55	275.41	0.00	41.89	275.41	6.19	280.29	15.58	337.91	0.00	49.48	345.82	19.94	367.34
2/5/2007	215	1.1619	115.03	15.47	134.42	1.55	197.94	5.46	30.79	192.47	6.19	194.42	7.89	233.22	0.86	36.37	238.17	6.40	245.73
2/6/2007	184	0.9972	98.72	15.47	113.17	1.55	167.46	9.83	26.43	157.63	6.19	158.42	7.09	192.03	6.02	31.21	191.00	5.89	197.89
2/7/2007	180	0.9748	96.51	15.47	110.28	1.55	163.33	10.42	25.83	152.91	6.19	153.54	6.98	186.45	6.72	30.51	184.60	5.82	191.40
2/8/2007	163	0.8836	87.48	15.47	98.52	1.55	146.45	12.84	23.42	133.61	6.19	133.61	6.53	163.64	9.58	27.66	158.48	5.54	164.91
2/9/2007	158	0.8559	84.73	15.47	94.94	1.55	141.32	13.57	22.68	127.75	6.19	127.55	6.39	156.71	10.44	26.79	150.55	5.45	156.86
2/10/2007	152	0.8235	81.52	15.47	90.76	1.55	135.32	14.43	21.82	120.89	6.19	120.47	6.24	148.60	11.46	25.77	141.26	5.35	147.44
2/11/2007	149	0.8073	79.92	15.47	88.66	1.55	132.32	14.86	21.39	117.46	6.19	116.92	6.16	144.55	11.97	25.27	136.62	5.30	142.73
2/12/2007	138	0.7434	73.60	15.47	80.43	1.55	120.51	16.56	19.70	103.96	6.19	102.97	5.84	128.59	13.96	23.27	118.34	5.10	124.19
2/13/2007	132	0.7161	70.89	15.47	76.91	1.55	115.46	17.28	18.98	98.18	6.19	97.01	5.71	121.76	14.82	22.41	110.53	5.02	116.26
2/14/2007	164	0.8891	88.02	15.47	99.22	1.55	147.46	12.69	23.56	134.77	6.19	134.80	6.56	165.01	9.40	27.83	160.05	5.56	166.49
2/15/2007	166	0.8977	88.88	15.47	100.34	1.55	149.06	12.47	23.79	136.60	6.19	136.69	6.60	167.17	9.13	28.10	162.53	5.58	169.01
2/16/2007	152	0.8217	81.35	15.47	90.53	1.55	135.00	14.48	21.78	120.52	6.19	120.08	6.23	148.17	11.51	25.72	140.76	5.35	146.93
2/17/2007	137	0.7429	73.54	15.47	80.36	1.55	120.41	16.57	19.69	103.84	6.19	102.85	5.84	128.45	13.98	23.25	118.19	5.10	124.03
2/18/2007	131	0.7104	70.33	15.47	76.17	1.55	114.41	17.43	18.83	96.98	6.19	95.77	5.68	120.35	15.00	22.24	108.90	5.00	114.61
2/19/2007	128	0.6917	68.48	15.47	73.75	1.55	110.94	17.93	18.33	93.01	6.19	91.67	5.59	115.65	15.58	21.65	103.53	4.94	109.16
2/20/2007	123	0.6675	66.08	15.47	70.63	1.55	106.46	18.57	17.69	87.89	6.19	86.38	5.47	109.60	16.34	20.89	96.60	4.87	102.13
2/21/2007	142	0.7702	76.25	15.47	83.88	1.55	125.46	15.85	20.41	109.61	6.19	108.82	5.97	135.28	13.13	24.11	126.00	5.19	131.96
2/22/2007	197	1.0675	105.68	15.47	122.23	1.55	180.46	7.97	28.29	172.49	6.19	173.78	7.43	209.60	3.82	33.41	211.12	6.11	218.29
2/23/2007	232	1.2525	123.99	15.47	146.10	1.55	214.69	3.07	33.19	211.62	6.19	214.20	8.34	255.85	0.00	39.20	262.11	8.65	272.02
2/24/2007	178	0.9645	95.48	15.47	108.95	1.55	161.41	10.70	25.56	150.71	6.19	151.28	6.93	183.86	7.04	30.19	181.64	5.79	188.39
2/25/2007	163	0.8834	87.46	15.47	98.49	1.55	146.41	12.85	23.41	133.57	6.19	133.56	6.53	163.59	9.58	27.65	158.42	5.54	164.85
2/26/2007	181	0.9782	96.84	15.47	110.71	1.55	163.94	10.33	25.92	153.60	6.19	154.26	6.99	187.27	6.62	30.62	185.55	5.83	192.36
2/27/2007	203	1.0999	108.89	15.47	126.41	1.55	186.46	7.11	29.15	179.35	6.19	180.86	7.59	217.71	2.81	34.43	220.40	6.21	227.71
2/28/2007	173	0.9377	92.84	15.47	105.50	1.55	156.46	11.41	24.85	145.06	6.19	145.43	6.79	177.17	7.88	29.35	173.98	5.71	180.62
3/1/2007	210	1.1327	112.14	15.47	130.65	1.55	192.54	7.76	30.02	184.77	6.19	186.51	7.75	224.39	4.16	35.45	225.90	6.31	233.34
3/2/2007	1236	6.6787	661.19	15.47	846.08	1.55	1218.54	0.00	176.98	1218.54	6.19	1259.10	174.13	1610.88	0.00	209.04	1644.27	192.93	1843.88
3/3/2007	1106	5.9760	591.62	15.47	755.43	1.55	1088.54	0.00	158.36	1088.54	6.19	1124.18	152.06	1435.20	0.00	187.05	1465.08	168.76	1639.82



Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFSM (CFS/mi <sup>2</sup> )	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
3/4/2007	891	4.8138	476.57	15.47	605.51	1.55	873.54	0.00	127.57	873.54	6.19	901.04	115.57	1144.66	0.00	150.67	1168.73	128.78	1302.33
3/5/2007	497	2.6841	265.72	15.47	330.77	1.55	479.54	0.00	71.13	479.54	6.19	492.13	48.70	612.23	0.00	84.01	625.65	55.52	683.85
3/6/2007	314	1.6949	167.79	15.47	203.17	1.55	296.54	0.00	44.91	296.54	6.19	302.21	17.64	364.93	0.00	53.05	373.41	21.49	396.59
3/7/2007	245	1.3219	130.87	15.47	155.05	1.55	227.54	2.75	35.03	224.79	6.19	227.85	8.68	271.69	0.00	41.38	278.30	8.66	288.28
3/8/2007	205	1.1092	109.81	15.47	127.61	1.55	188.18	8.39	29.39	179.79	6.19	181.36	7.63	218.50	4.90	34.72	219.15	6.24	226.50
3/9/2007	193	1.0459	103.54	15.47	119.44	1.55	176.46	10.07	27.72	166.40	6.19	167.53	7.32	202.67	6.88	32.74	201.02	6.04	208.11
3/10/2007	182	0.9814	97.16	15.47	111.13	1.55	164.54	11.77	26.01	152.76	6.19	153.44	7.01	186.55	8.90	30.72	182.56	5.84	189.39
3/11/2007	176	0.9489	93.95	15.47	106.94	1.55	158.54	12.63	25.15	145.90	6.19	146.35	6.85	178.45	9.91	29.70	173.28	5.74	179.97
3/12/2007	170	0.9165	90.73	15.47	102.76	1.55	152.54	13.49	24.29	139.04	6.19	139.27	6.69	170.34	10.93	28.69	163.99	5.64	170.55
3/13/2007	161	0.8707	86.19	15.47	96.84	1.55	144.05	14.71	23.07	129.34	6.19	129.25	6.47	158.87	12.36	27.25	150.86	5.50	157.23
3/14/2007	154	0.8344	82.60	15.47	92.16	1.55	137.34	15.67	22.11	121.67	6.19	121.32	6.29	149.80	13.50	26.12	140.47	5.39	146.69
3/15/2007	152	0.8235	81.53	15.47	90.76	1.55	135.34	15.96	21.82	119.38	6.19	118.95	6.24	147.10	13.84	25.78	137.38	5.35	143.55
3/16/2007	162	0.8776	86.88	15.47	97.74	1.55	145.34	14.52	23.26	130.81	6.19	130.77	6.50	160.61	12.15	27.47	152.85	5.52	159.25
3/17/2007	173	0.9371	92.77	15.47	105.41	1.55	156.34	12.95	24.83	143.39	6.19	143.76	6.79	175.47	10.29	29.33	169.87	5.70	176.52
3/18/2007	174	0.9425	93.30	15.47	106.11	1.55	157.34	12.81	24.98	144.53	6.19	144.94	6.82	176.83	10.12	29.50	171.42	5.72	178.09
3/19/2007	168	0.9070	89.79	15.47	101.53	1.55	150.78	13.74	24.04	137.03	6.19	137.19	6.64	167.97	11.23	28.39	161.28	5.61	167.79
3/20/2007	145	0.7852	77.74	15.47	85.82	1.55	128.25	16.97	20.81	111.28	6.19	110.59	6.05	137.52	15.04	24.58	126.41	5.23	132.43
3/21/2007	152	0.8233	81.50	15.47	90.73	1.55	135.28	15.96	21.82	119.32	6.19	118.89	6.23	147.03	13.85	25.77	137.30	5.35	143.47
3/22/2007	128	0.6924	68.55	15.47	73.85	1.55	111.08	19.43	18.35	91.65	6.19	90.31	5.59	114.32	17.94	21.67	99.84	4.95	105.48
3/23/2007	132	0.7120	70.49	15.47	76.37	1.55	114.70	18.91	18.87	95.79	6.19	94.58	5.69	119.21	17.33	22.29	105.44	5.01	111.16
3/24/2007	133	0.7174	71.02	15.47	77.07	1.55	115.70	18.77	19.01	96.93	6.19	95.76	5.72	120.56	17.16	22.45	106.99	5.02	112.73
3/25/2007	133	0.7174	71.02	15.47	77.07	1.55	115.70	18.77	19.01	96.93	6.19	95.76	5.72	120.56	17.16	22.45	106.99	5.02	112.73
3/26/2007	126	0.6788	67.20	15.47	72.09	1.55	108.55	19.79	17.99	88.76	6.19	87.32	5.53	110.90	18.37	21.25	95.93	4.90	101.51
3/27/2007	125	0.6733	66.66	15.47	71.38	1.55	107.54	19.94	17.84	87.60	6.19	86.13	5.50	109.53	18.54	21.07	94.36	4.89	99.92
3/28/2007	118	0.6402	63.37	15.47	67.11	1.55	101.41	20.82	16.96	80.59	6.19	78.88	5.34	101.25	19.58	20.04	84.87	4.78	90.30
3/29/2007	95	0.5134	50.83	15.47	50.76	1.55	77.96	24.18	13.61	53.78	6.19	51.19	4.72	69.56	23.55	16.07	48.58	4.39	53.49
3/30/2007	110	0.5965	59.05	15.47	61.48	1.55	93.34	21.97	15.81	71.36	6.19	69.35	5.12	90.34	20.94	18.67	72.38	4.65	77.62
3/31/2007	108	0.5857	57.98	15.47	60.08	1.55	91.34	22.26	15.52	69.08	6.19	66.99	5.07	87.64	21.28	18.33	69.28	4.62	74.48
4/1/2007	110	0.5955	58.96	15.47	61.35	1.55	93.16	27.11	15.78	66.04	6.19	64.02	5.12	84.98	28.96	18.64	59.01	4.65	64.25
4/2/2007	118	0.6365	63.02	15.47	66.64	1.55	100.74	26.02	16.87	74.71	6.19	72.98	5.32	95.23	27.67	19.92	70.74	4.77	76.15
4/3/2007	118	0.6373	63.09	15.47	66.74	1.55	100.88	26.00	16.89	74.87	6.19	73.14	5.32	95.42	27.65	19.95	70.96	4.78	76.37
4/4/2007	117	0.6344	62.80	15.47	66.36	1.55	100.34	26.08	16.81	74.26	6.19	72.51	5.31	94.69	27.74	19.86	70.13	4.77	75.53
4/5/2007	117	0.6327	62.64	15.47	66.15	1.55	100.03	26.13	16.77	73.91	6.19	72.15	5.30	94.28	27.79	19.80	69.65	4.76	75.04
4/6/2007	110	0.5946	58.87	15.47	61.23	1.55	92.99	27.13	15.76	65.85	6.19	63.82	5.11	84.75	28.99	18.61	58.74	4.64	63.98
4/7/2007	102	0.5497	54.42	15.47	55.44	1.55	84.68	28.33	14.57	56.35	6.19	54.01	4.89	73.53	30.39	17.21	45.88	4.50	50.94
4/8/2007	97	0.5222	51.70	15.47	51.89	1.55	79.58	29.05	13.84	50.53	6.19	47.99	4.76	66.64	31.25	16.34	38.00	4.42	42.94
4/9/2007	95	0.5148	50.96	15.47	50.94	1.55	78.22	29.25	13.64	48.97	6.19	46.38	4.72	64.80	31.48	16.11	35.89	4.40	40.80
4/10/2007	97	0.5220	51.68	15.47	51.87	1.55	79.56	29.06	13.83	50.50	6.19	47.96	4.76	66.61	31.26	16.34	37.96	4.42	42.90
4/11/2007	95	0.5137	50.86	15.47	50.80	1.55	78.02	29.28	13.61	48.74	6.19	46.14	4.72	64.53	31.52	16.08	35.58	4.39	40.48
4/12/2007	103	0.5575	55.19	15.47	56.44	1.55	86.11	28.12	14.77	58.00	6.19	55.71	4.93	75.47	30.15	17.45	48.11	4.53	53.20
4/13/2007	105	0.5675	56.19	15.47	57.74	1.55	87.98	27.85	15.04	60.12	6.19	57.91	4.98	77.98	29.83	17.76	50.99	4.56	56.12
4/14/2007	102	0.5515	54.59	15.47	55.67	1.55	85.00	28.28	14.61	56.72	6.19	54.39	4.90	73.96	30.34	17.26	46.39	4.51	51.45
4/15/2007	156	0.8441	83.57	15.47	93.42	1.55	139.14	20.52	22.37	118.62	6.19	118.34	6.34	147.13	21.18	26.42	130.17	5.42	136.43

Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFSM (CFS/mi <sup>2</sup> )	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
4/16/2007	175	0.9458	93.64	15.47	106.54	1.55	157.96	17.83	25.06	140.13	6.19	140.56	6.83	172.56	17.99	29.60	159.30	5.73	165.97
4/17/2007	197	1.0648	105.41	15.47	121.88	1.55	179.96	14.68	28.22	165.28	6.19	166.55	7.42	202.29	14.27	33.33	193.34	6.10	200.51
4/18/2007	140	0.7551	74.76	15.47	81.94	1.55	122.68	22.88	20.01	99.80	6.19	98.90	5.90	124.88	23.96	23.64	104.70	5.14	110.60
4/19/2007	118	0.6356	62.92	15.47	66.51	1.55	100.56	26.05	16.84	74.51	6.19	72.77	5.31	94.99	27.70	19.89	70.46	4.77	75.87
4/20/2007	106	0.5751	56.93	15.47	58.71	1.55	89.37	27.65	15.24	61.72	6.19	59.56	5.02	79.87	29.60	18.00	53.15	4.58	58.31
4/21/2007	101	0.5442	53.88	15.47	54.73	1.55	83.66	28.47	14.42	55.19	6.19	52.81	4.87	72.15	30.56	17.03	44.31	4.49	49.34
4/22/2007	97	0.5242	51.89	15.47	52.14	1.55	79.95	29.00	13.89	50.95	6.19	48.43	4.77	67.14	31.19	16.41	38.57	4.42	43.52
4/23/2007	94	0.5089	50.39	15.47	50.18	1.55	77.14	29.41	13.49	47.73	6.19	45.10	4.69	63.34	31.67	15.93	34.21	4.38	39.10
4/24/2007	89	0.4815	47.67	15.47	46.64	1.55	72.06	30.13	12.76	41.93	6.19	39.11	4.56	56.48	32.53	15.07	26.36	4.29	31.13
4/25/2007	84	0.4526	44.80	15.47	42.91	1.55	66.70	30.90	11.99	35.80	6.19	32.78	4.42	49.24	28.74	14.16	22.76	4.20	27.42
4/26/2007	81	0.4381	43.37	15.47	41.04	1.55	64.02	31.28	11.61	32.74	6.19	29.62	4.35	45.61	25.11	13.71	22.69	4.16	27.29
4/27/2007	83	0.4462	44.18	15.47	42.09	1.55	65.53	31.07	11.83	34.47	6.19	31.40	4.39	47.66	27.16	13.97	22.73	4.18	27.36
4/28/2007	85	0.4590	45.44	15.47	43.73	1.55	67.89	30.73	12.16	37.16	6.19	34.18	4.45	50.84	30.34	14.37	22.79	4.22	27.48
4/29/2007	83	0.4465	44.20	15.47	42.13	1.55	65.58	31.06	11.83	34.52	6.19	31.46	4.39	47.73	27.23	13.98	22.73	4.18	27.36
4/30/2007	76	0.4087	40.46	15.47	37.25	1.55	58.58	32.06	10.83	26.52	6.19	23.19	4.20	38.27	17.77	12.79	22.54	4.07	27.02
5/1/2007	74	0.3992	39.52	15.47	36.02	1.55	56.83	31.71	10.58	25.12	6.19	21.72	4.16	36.50	16.00	12.49	22.50	4.04	26.93
5/2/2007	71	0.3830	37.91	15.47	33.93	1.55	53.83	31.83	10.15	22.00	6.19	18.49	4.08	32.76	12.26	11.99	22.41	3.99	26.79
5/3/2007	68	0.3667	36.31	15.47	31.84	1.55	50.83	28.83	9.72	22.00	6.19	18.38	4.00	32.13	11.63	11.48	22.33	3.94	26.64
5/4/2007	66	0.3559	35.24	15.47	30.44	1.55	48.83	26.83	9.43	22.00	6.19	18.30	3.94	31.71	11.21	11.14	22.28	3.90	26.54
5/5/2007	99	0.5343	52.90	15.47	53.45	1.55	81.83	38.21	14.16	43.62	6.19	41.17	4.82	60.21	39.71	16.72	23.17	4.46	28.16
5/6/2007	149	0.8046	79.65	15.47	88.32	1.55	131.83	20.97	21.32	110.86	6.19	110.30	6.14	137.85	54.15	25.18	87.72	5.29	93.82
5/7/2007	136	0.7367	72.94	15.47	79.57	1.55	119.28	22.77	19.52	96.51	6.19	95.48	5.81	120.89	54.15	23.06	70.42	5.08	76.24
5/8/2007	73	0.3971	39.31	15.47	35.75	1.55	56.45	31.77	10.52	24.68	6.19	21.27	4.15	35.98	15.48	12.43	22.49	4.03	26.91
5/9/2007	81	0.4371	43.27	15.47	40.91	1.55	63.84	30.71	11.58	33.14	6.19	30.01	4.34	45.97	25.47	13.68	22.69	4.16	27.28
5/10/2007	74	0.4006	39.66	15.47	36.21	1.55	57.10	31.67	10.62	25.43	6.19	22.04	4.16	36.86	16.36	12.54	22.50	4.04	26.95
5/11/2007	74	0.4012	39.72	15.47	36.28	1.55	57.20	31.66	10.63	25.54	6.19	22.16	4.17	37.00	16.50	12.56	22.51	4.04	26.95
5/12/2007	82	0.4447	44.02	15.47	41.89	1.55	65.25	30.50	11.78	34.74	6.19	31.67	4.38	47.88	27.38	13.92	22.72	4.18	27.35
5/13/2007	102	0.5537	54.81	15.47	55.95	1.55	85.41	27.62	14.67	57.79	6.19	55.48	4.91	75.12	54.15	17.33	23.73	4.52	28.80
5/14/2007	91	0.4912	48.63	15.47	47.89	1.55	73.85	29.27	13.02	44.57	6.19	41.82	4.61	59.49	38.99	15.37	22.96	4.32	27.77
5/15/2007	84	0.4550	45.05	15.47	43.22	1.55	67.16	30.23	12.06	36.93	6.19	33.92	4.43	50.46	29.96	14.24	22.78	4.21	27.44
5/16/2007	82	0.4414	43.70	15.47	41.47	1.55	64.64	30.59	11.70	34.04	6.19	30.95	4.36	47.05	26.55	13.82	22.71	4.17	27.32
5/17/2007	68	0.3664	36.28	15.47	31.80	1.55	50.77	28.77	9.71	22.00	6.19	18.38	4.00	32.12	11.62	11.47	22.33	3.94	26.63
5/18/2007	68	0.3690	36.53	15.47	32.13	1.55	51.25	29.25	9.78	22.00	6.19	18.39	4.01	32.22	11.72	11.55	22.35	3.94	26.66
5/19/2007	64	0.3451	34.17	15.47	29.05	1.55	46.83	24.83	9.15	22.00	6.19	18.23	3.89	31.30	10.80	10.80	22.23	3.87	26.44
5/20/2007	61	0.3289	32.56	15.47	26.96	1.55	43.83	21.83	8.72	22.00	6.19	18.11	3.81	30.67	10.17	10.29	22.14	3.82	26.29
5/21/2007	61	0.3289	32.56	15.47	26.96	1.55	43.83	21.83	8.72	22.00	6.19	18.11	3.81	30.67	10.17	10.29	22.14	3.82	26.29
5/22/2007	61	0.3289	32.56	15.47	26.96	1.55	43.83	21.83	8.72	22.00	6.19	18.11	3.81	30.67	10.17	10.29	22.14	3.82	26.29
5/23/2007	60	0.3235	32.03	15.47	26.26	1.55	42.83	20.83	8.57	22.00	6.19	18.08	3.79	30.47	9.97	10.13	22.12	3.80	26.24
5/24/2007	60	0.3235	32.03	15.47	26.26	1.55	42.83	20.83	8.57	22.00	6.19	18.08	3.79	30.47	9.97	10.13	22.12	3.80	26.24
5/25/2007	56	0.3018	29.88	13.98	24.95	1.55	40.31	18.31	8.00	22.00	6.19	17.92	3.68	29.63	9.13	9.45	22.01	3.74	26.05
5/26/2007	48	0.2618	25.91	10.01	23.75	1.55	36.86	14.86	6.94	22.00	6.19	17.64	3.48	28.09	7.59	8.19	21.81	3.61	25.68
5/27/2007	49	0.2640	26.14	10.24	23.82	1.55	37.06	15.06	7.00	22.00	6.19	17.66	3.49	28.18	7.68	8.26	21.82	3.62	25.70
5/28/2007	45	0.2455	24.31	8.51	23.17	1.55	35.37	13.37	6.51	22.00	6.19	17.53	3.40	27.46	6.96	7.69	21.73	3.56	25.53

Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFSM (CFS/mi <sup>2</sup> )	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
5/29/2007	44	0.2366	23.42	8.51	22.01	1.55	33.72	11.72	6.27	22.00	6.19	17.47	3.36	27.12	6.62	7.41	21.68	3.53	25.45
5/30/2007	43	0.2319	22.96	8.51	21.41	1.45	32.95	10.95	6.15	22.00	6.19	17.43	3.34	26.94	6.44	7.26	21.66	3.52	25.41
5/31/2007	42	0.2265	22.42	8.51	20.71	0.77	32.62	10.62	6.00	22.00	6.19	17.40	3.31	26.73	6.23	7.09	21.63	3.50	25.36
6/1/2007	40	0.2188	21.66	8.51	19.71	0.77	31.19	9.19	5.80	22.00	6.19	17.34	3.27	26.43	5.93	6.85	21.59	3.48	25.29
6/2/2007	39	0.2133	21.12	8.51	19.01	0.77	30.19	8.19	5.65	22.00	6.19	17.30	3.25	26.23	5.73	6.68	21.57	3.46	25.24
6/3/2007	43	0.2350	23.26	8.51	21.80	1.55	33.41	11.41	6.23	22.00	6.19	17.46	3.35	27.06	6.56	7.35	21.67	3.53	25.44
6/4/2007	44	0.2404	23.80	8.51	22.50	1.55	34.41	12.41	6.37	22.00	6.19	17.49	3.38	27.27	6.77	7.52	21.70	3.55	25.49
6/5/2007	41	0.2242	22.19	8.51	20.41	0.77	32.19	10.19	5.94	22.00	6.19	17.38	3.30	26.64	6.14	7.02	21.62	3.49	25.34
6/6/2007	39	0.2133	21.12	8.51	19.01	0.77	30.19	8.19	5.65	22.00	6.19	17.30	3.25	26.23	5.73	6.68	21.57	3.46	25.24
6/7/2007	37	0.2025	20.05	8.51	17.62	0.77	28.19	6.19	5.37	22.00	6.19	17.23	3.19	25.81	5.31	6.34	21.51	3.43	25.14
6/8/2007	34	0.1863	18.45	8.51	15.53	0.77	25.19	3.19	4.94	22.00	6.19	17.12	3.11	25.18	4.68	5.83	21.43	3.38	25.00
6/9/2007	32	0.1755	17.38	8.48	14.17	0.77	23.22	1.22	4.65	22.00	6.19	17.04	3.06	24.77	4.27	5.49	21.38	3.34	24.90
6/10/2007	39	0.2133	21.12	8.51	19.01	0.77	30.19	8.19	5.65	22.00	6.19	17.30	3.25	26.23	5.73	6.68	21.57	3.46	25.24
6/11/2007	38	0.2079	20.59	8.51	18.31	0.77	29.19	7.19	5.51	22.00	6.19	17.27	3.22	26.02	5.52	6.51	21.54	3.44	25.19
6/12/2007	36	0.1930	19.11	8.51	16.39	0.77	26.42	4.42	5.11	22.00	6.19	17.16	3.15	25.44	4.94	6.04	21.47	3.40	25.06
6/13/2007	44	0.2393	23.70	8.51	22.37	1.55	34.22	12.22	6.34	22.00	6.19	17.49	3.37	27.23	6.73	7.49	21.70	3.54	25.48
6/14/2007	46	0.2509	24.84	8.94	23.43	1.55	35.93	13.93	6.65	22.00	6.19	17.57	3.43	27.67	7.17	7.85	21.75	3.58	25.58
6/15/2007	43	0.2347	23.23	8.51	21.76	1.55	33.36	11.36	6.22	22.00	6.19	17.45	3.35	27.05	6.55	7.35	21.67	3.53	25.44
6/16/2007	56	0.3049	30.19	14.29	25.05	1.55	40.58	18.58	8.08	22.00	6.19	17.95	3.69	29.75	9.25	9.54	22.02	3.75	26.08
6/17/2007	90	0.4843	47.95	15.47	47.01	1.55	72.58	50.58	12.84	22.00	6.19	19.20	4.57	36.66	16.16	15.16	22.92	4.30	27.71
6/18/2007	59	0.3173	31.42	15.47	25.46	1.55	41.69	19.69	8.41	22.00	6.19	18.03	3.75	30.23	9.73	9.93	22.09	3.78	26.19
6/19/2007	52	0.2818	27.90	12.00	24.36	1.55	38.59	16.59	7.47	22.00	6.19	17.78	3.58	28.86	8.36	8.82	21.91	3.67	25.86
6/20/2007	45	0.2448	24.23	8.51	23.06	1.55	35.22	13.22	6.49	22.00	6.19	17.52	3.40	27.43	6.93	7.66	21.72	3.56	25.53
6/21/2007	43	0.2347	23.23	8.51	21.76	1.55	33.36	11.36	6.22	22.00	6.19	17.45	3.35	27.05	6.55	7.35	21.67	3.53	25.44
6/22/2007	39	0.2131	21.09	8.51	18.97	0.77	30.13	8.13	5.65	22.00	6.19	17.30	3.24	26.21	5.71	6.67	21.57	3.46	25.24
6/23/2007	35	0.1914	18.95	8.51	16.18	0.77	26.13	4.13	5.07	22.00	6.19	17.15	3.14	25.38	4.88	5.99	21.46	3.39	25.04
6/24/2007	32	0.1752	17.35	8.45	14.16	0.77	23.19	1.19	4.64	22.00	6.19	17.04	3.06	24.76	4.26	5.48	21.38	3.34	24.89
6/25/2007	36	0.1968	19.49	8.51	16.88	0.77	27.13	5.13	5.22	22.00	6.19	17.19	3.16	25.59	5.09	6.16	21.48	3.41	25.09
6/26/2007	41	0.2239	22.16	8.51	20.37	0.77	32.13	10.13	5.93	22.00	6.19	17.38	3.30	26.63	6.13	7.01	21.62	3.49	25.34
6/27/2007	35	0.1914	18.95	8.51	16.18	0.77	26.13	4.13	5.07	22.00	6.19	17.15	3.14	25.38	4.88	5.99	21.46	3.39	25.04
6/28/2007	39	0.2131	21.09	8.51	18.97	0.77	30.13	8.13	5.65	22.00	6.19	17.30	3.24	26.21	5.71	6.67	21.57	3.46	25.24
6/29/2007	34	0.1860	18.42	8.51	15.49	0.77	25.13	3.13	4.93	22.00	6.19	17.11	3.11	25.17	4.67	5.82	21.43	3.38	24.99
6/30/2007	28	0.1536	15.21	6.31	13.51	0.77	21.34	0.00	4.07	21.34	6.19	16.22	2.95	23.26	2.76	4.81	21.27	3.28	24.70
7/1/2007	33	0.1764	17.47	8.51	14.25	0.77	23.36	1.36	4.68	22.00	6.19	17.05	3.06	24.80	4.30	5.52	21.38	3.35	24.91
7/2/2007	82	0.4453	44.09	15.47	41.98	1.55	65.37	43.37	11.80	22.00	6.19	18.93	4.38	35.16	14.66	13.94	22.73	4.18	27.35
7/3/2007	86	0.4668	46.21	15.47	44.74	1.55	69.34	47.34	12.37	22.00	6.19	19.08	4.49	35.98	15.48	14.61	22.83	4.25	27.55
7/4/2007	108	0.5817	57.59	15.47	59.56	1.55	90.59	54.15	15.41	36.44	6.19	34.32	5.05	54.84	34.34	18.21	23.41	4.60	28.59
7/5/2007	64	0.3460	34.25	15.47	29.16	1.55	46.99	24.99	9.17	22.00	6.19	18.23	3.90	31.33	10.83	10.83	22.23	3.87	26.45
7/6/2007	55	0.2954	29.24	13.34	24.76	1.55	39.75	17.75	7.83	22.00	6.19	17.88	3.65	29.38	8.88	9.24	21.98	3.72	25.99
7/7/2007	49	0.2629	26.03	10.13	23.79	1.55	36.96	14.96	6.97	22.00	6.19	17.65	3.49	28.13	7.63	8.23	21.81	3.62	25.69
7/8/2007	54	0.2900	28.71	12.81	24.60	1.55	39.29	17.29	7.68	22.00	6.19	17.84	3.62	29.17	8.67	9.08	21.95	3.70	25.94
7/9/2007	46	0.2467	24.42	8.52	23.30	1.55	35.57	13.57	6.54	22.00	6.19	17.54	3.41	27.51	7.01	7.72	21.73	3.56	25.55
7/10/2007	47	0.2521	24.96	9.06	23.46	1.55	36.03	14.03	6.68	22.00	6.19	17.58	3.44	27.72	7.22	7.89	21.76	3.58	25.59

Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFSM (CFS/mi <sup>2</sup> )	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
7/11/2007	45	0.2413	23.89	8.51	22.62	1.55	34.58	12.58	6.39	22.00	6.19	17.50	3.38	27.30	6.80	7.55	21.71	3.55	25.50
7/12/2007	70	0.3769	37.32	15.47	33.15	1.55	52.71	30.71	9.99	22.00	6.19	18.45	4.05	32.52	12.02	11.80	22.38	3.97	26.73
7/13/2007	69	0.3710	36.73	15.47	32.39	1.55	51.62	29.62	9.83	22.00	6.19	18.41	4.02	32.30	11.80	11.61	22.36	3.95	26.68
7/14/2007	54	0.2900	28.71	12.81	24.60	1.55	39.29	17.29	7.68	22.00	6.19	17.84	3.62	29.17	8.67	9.08	21.95	3.70	25.94
7/15/2007	71	0.3841	38.03	15.47	34.08	1.55	54.04	32.04	10.18	22.00	6.19	18.50	4.08	32.80	12.30	12.02	22.42	3.99	26.80
7/16/2007	49	0.2629	26.03	10.13	23.79	1.55	36.96	14.96	6.97	22.00	6.19	17.65	3.49	28.13	7.63	8.23	21.81	3.62	25.69
7/17/2007	46	0.2467	24.42	8.52	23.30	1.55	35.57	13.57	6.54	22.00	6.19	17.54	3.41	27.51	7.01	7.72	21.73	3.56	25.55
7/18/2007	43	0.2305	22.82	8.51	21.22	1.26	32.87	10.87	6.11	22.00	6.19	17.42	3.33	26.89	6.39	7.21	21.65	3.51	25.40
7/19/2007	46	0.2467	24.42	8.52	23.30	1.55	35.57	13.57	6.54	22.00	6.19	17.54	3.41	27.51	7.01	7.72	21.73	3.56	25.55
7/20/2007	49	0.2629	26.02	10.12	23.79	1.55	36.96	14.96	6.97	22.00	6.19	17.65	3.49	28.13	7.63	8.23	21.81	3.61	25.69
7/21/2007	45	0.2416	23.92	8.51	22.66	1.55	34.64	12.64	6.40	22.00	6.19	17.50	3.38	27.31	6.81	7.56	21.71	3.55	25.50
7/22/2007	39	0.2092	20.71	8.51	18.47	0.77	29.41	7.41	5.54	22.00	6.19	17.28	3.22	26.06	5.56	6.55	21.55	3.45	25.20
7/23/2007	59	0.3173	31.42	15.47	25.46	1.55	41.69	19.69	8.41	22.00	6.19	18.03	3.76	30.23	9.73	9.93	22.09	3.78	26.19
7/24/2007	89	0.4809	47.61	15.47	46.56	1.55	71.94	49.94	12.74	22.00	6.19	19.18	4.56	36.52	16.02	15.05	22.90	4.29	27.68
7/25/2007	56	0.3008	29.78	13.88	24.92	1.55	40.22	18.22	7.97	22.00	6.19	17.92	3.67	29.59	9.09	9.41	22.00	3.73	26.04
7/26/2007	51	0.2737	27.10	11.20	24.11	1.55	37.89	15.89	7.25	22.00	6.19	17.73	3.54	28.55	8.05	8.57	21.87	3.65	25.79
7/27/2007	80	0.4332	42.89	15.47	40.41	1.55	63.12	41.12	11.48	22.00	6.19	18.84	4.32	34.69	14.19	13.56	22.67	4.14	27.24
7/28/2007	105	0.5684	56.27	15.47	57.85	1.55	88.13	54.15	15.06	33.98	6.19	31.77	4.99	51.87	31.37	17.79	23.34	4.56	28.47
7/29/2007	86	0.4657	46.10	15.47	44.60	1.55	69.13	47.13	12.34	22.00	6.19	19.07	4.48	35.94	15.44	14.58	22.83	4.24	27.54
7/30/2007	72	0.3894	38.55	15.47	34.76	1.55	55.02	33.02	10.32	22.00	6.19	18.54	4.11	33.00	12.50	12.19	22.45	4.01	26.84
7/31/2007	67	0.3644	36.07	15.47	31.53	1.55	50.39	28.39	9.66	22.00	6.19	18.36	3.99	32.04	11.54	11.41	22.32	3.93	26.62
8/1/2007	59	0.3178	31.46	15.47	25.52	1.55	41.77	19.77	8.42	22.00	6.19	18.04	3.76	30.24	9.74	9.95	22.09	3.79	26.19
8/2/2007	54	0.2907	28.78	12.88	24.62	1.55	39.36	17.36	7.70	22.00	6.19	17.85	3.62	29.20	8.70	9.10	21.95	3.70	25.95
8/3/2007	47	0.2529	25.04	9.14	23.49	1.55	36.10	14.10	6.70	22.00	6.19	17.58	3.44	27.75	7.25	7.92	21.76	3.58	25.60
8/4/2007	51	0.2745	27.18	11.28	24.14	1.55	37.96	15.96	7.27	22.00	6.19	17.73	3.55	28.58	8.08	8.59	21.87	3.65	25.80
8/5/2007	52	0.2799	27.71	11.81	24.30	1.55	38.43	16.43	7.42	22.00	6.19	17.77	3.57	28.79	8.29	8.76	21.90	3.67	25.85
8/6/2007	39	0.2097	20.76	8.51	18.54	0.77	29.50	7.50	5.56	22.00	6.19	17.28	3.23	26.08	5.58	6.56	21.55	3.45	25.21
8/7/2007	33	0.1772	17.54	8.51	14.35	0.77	23.50	1.50	4.70	22.00	6.19	17.05	3.07	24.83	4.33	5.55	21.39	3.35	24.91
8/8/2007	27	0.1445	14.31	5.41	13.23	0.77	20.55	0.00	3.83	20.55	6.19	15.38	2.91	22.13	1.63	4.52	21.22	3.25	24.62
8/9/2007	24	0.1283	12.70	4.64	11.91	0.77	18.32	0.00	3.40	18.32	6.19	13.03	2.83	19.27	0.00	4.02	19.91	3.20	23.24
8/10/2007	25	0.1342	13.28	4.64	12.67	0.77	19.41	0.00	3.56	19.41	6.19	14.16	2.86	20.59	0.09	4.20	21.17	3.22	24.52
8/11/2007	25	0.1344	13.30	4.64	12.69	0.77	19.45	0.00	3.56	19.45	6.19	14.20	2.86	20.63	0.13	4.21	21.17	3.22	24.52
8/12/2007	25	0.1344	13.30	4.64	12.69	0.77	19.45	0.00	3.56	19.45	6.19	14.20	2.86	20.63	0.13	4.21	21.17	3.22	24.52
8/13/2007	22	0.1171	11.59	4.64	10.46	0.77	16.25	0.00	3.10	16.25	6.19	10.88	2.77	16.77	0.00	3.67	17.35	3.16	20.63
8/14/2007	19	0.1013	10.03	4.64	8.42	0.77	13.32	0.00	2.68	13.32	6.19	7.84	2.70	13.23	0.00	3.17	13.74	3.11	16.95
8/15/2007	15	0.0829	8.21	4.64	6.05	0.77	9.92	0.00	2.20	9.92	6.19	4.31	2.60	9.12	0.00	2.59	9.53	2.85	12.47
8/16/2007	14	0.0764	7.56	4.64	5.22	0.77	8.72	0.00	2.02	8.72	6.19	3.07	2.40	7.50	0.00	2.39	7.88	2.63	10.59
8/17/2007	14	0.0771	7.63	4.64	5.31	0.77	8.85	0.00	2.04	8.85	6.19	3.20	2.42	7.67	0.00	2.41	8.06	2.65	10.79
8/18/2007	32	0.1718	17.01	8.11	14.05	0.77	22.90	0.90	4.55	22.00	6.19	17.01	3.04	24.63	4.13	5.38	21.36	3.33	24.86
8/19/2007	44	0.2367	23.43	8.51	22.02	1.55	33.73	11.73	6.27	22.00	6.19	17.47	3.36	27.12	6.62	7.41	21.68	3.53	25.45
8/20/2007	28	0.1502	14.87	5.97	13.41	0.77	21.04	0.00	3.98	21.04	6.19	15.91	2.94	22.84	2.34	4.70	21.25	3.27	24.67
8/21/2007	19	0.1053	10.43	4.64	8.95	0.77	14.07	0.00	2.79	14.07	6.19	8.62	2.72	14.14	0.00	3.30	14.66	3.13	17.90
8/22/2007	16	0.0866	8.57	4.64	6.53	0.77	10.61	0.00	2.30	10.61	6.19	5.02	2.62	9.95	0.00	2.71	10.39	2.98	13.45



Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFSM (CFS/mi <sup>2</sup> )	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
8/23/2007	15	0.0803	7.95	4.64	5.72	0.77	9.45	0.00	2.13	9.45	6.19	3.82	2.52	8.48	0.00	2.51	8.88	2.76	11.72
8/24/2007	14	0.0771	7.63	4.64	5.30	0.77	8.85	0.00	2.04	8.85	6.19	3.20	2.42	7.67	0.00	2.41	8.05	2.65	10.78
8/25/2007	14	0.0755	7.47	4.64	5.09	0.77	8.55	0.00	2.00	8.55	6.19	2.89	2.37	7.26	0.00	2.36	7.64	2.60	10.31
8/26/2007	40	0.2167	21.45	8.51	19.44	0.77	30.80	8.80	5.74	22.00	6.19	17.33	3.26	26.35	5.85	6.78	21.58	3.47	25.27
8/27/2007	67	0.3602	35.66	15.47	30.99	1.55	49.62	27.62	9.55	22.00	6.19	18.33	3.97	31.88	11.38	11.27	22.30	3.92	26.58
8/28/2007	104	0.5603	55.47	15.47	56.81	1.55	86.64	54.15	14.85	32.49	6.19	30.22	4.95	50.07	29.57	17.54	23.30	4.54	28.40
8/29/2007	133	0.7208	71.35	15.47	77.50	1.55	116.32	54.15	19.10	62.17	6.19	61.02	5.73	85.93	54.15	22.56	35.37	5.03	41.13
8/30/2007	197	1.0629	105.23	15.47	121.64	1.55	179.61	54.15	28.17	125.46	6.19	126.71	7.41	162.39	54.15	33.27	113.55	6.10	120.71
8/31/2007	239	1.2904	127.75	15.47	150.98	1.55	221.70	54.15	34.19	167.54	6.19	170.39	8.52	213.23	54.15	40.39	165.53	6.80	173.62
9/1/2007	199	1.0763	106.55	15.47	123.37	1.55	182.09	54.15	28.52	127.94	6.19	129.28	7.47	165.39	54.15	33.69	116.61	6.14	123.83
9/2/2007	107	0.5790	57.32	15.47	59.22	1.55	90.09	54.15	15.34	35.94	6.19	33.80	5.04	54.24	33.74	18.12	23.39	4.59	28.57
9/3/2007	95	0.5141	50.90	15.47	50.85	1.55	78.09	54.15	13.62	23.94	6.19	21.35	4.72	39.74	19.24	16.09	23.07	4.39	27.98
9/4/2007	56	0.3054	30.23	14.33	25.06	1.55	40.62	18.62	8.09	22.00	6.19	17.95	3.70	29.77	9.27	9.56	22.03	3.75	26.08
9/5/2007	50	0.2713	26.85	10.95	24.04	1.55	37.68	15.68	7.19	22.00	6.19	17.71	3.53	28.45	7.95	8.49	21.86	3.64	25.77
9/6/2007	43	0.2334	23.11	8.51	21.60	1.55	33.13	11.13	6.19	22.00	6.19	17.45	3.34	27.00	6.50	7.31	21.67	3.52	25.42
9/7/2007	41	0.2226	22.04	8.51	20.21	0.77	31.90	9.90	5.90	22.00	6.19	17.37	3.29	26.58	6.08	6.97	21.61	3.49	25.33
9/8/2007	36	0.1956	19.36	8.51	16.72	0.77	26.90	4.90	5.18	22.00	6.19	17.18	3.16	25.54	5.04	6.12	21.48	3.41	25.08
9/9/2007	33	0.1794	17.76	8.51	14.63	0.77	23.90	1.90	4.75	22.00	6.19	17.07	3.08	24.92	4.42	5.61	21.40	3.36	24.93
9/10/2007	30	0.1631	16.15	7.25	13.79	0.77	22.16	0.16	4.32	22.00	6.19	16.95	3.00	24.29	3.79	5.11	21.32	3.31	24.78
9/11/2007	28	0.1496	14.81	5.91	13.39	0.77	20.99	0.00	3.96	20.99	6.19	15.85	2.93	22.76	2.26	4.68	21.25	3.26	24.66
9/12/2007	26	0.1415	14.01	5.11	13.15	0.77	20.30	0.00	3.75	20.30	6.19	15.10	2.89	21.76	1.26	4.43	21.21	3.24	24.59
9/13/2007	31	0.1686	16.69	7.79	13.96	0.77	22.62	0.62	4.47	22.00	6.19	16.99	3.03	24.50	4.00	5.28	21.34	3.32	24.83
9/14/2007	50	0.2713	26.85	10.95	24.04	1.55	37.68	15.68	7.19	22.00	6.19	17.71	3.53	28.45	7.95	8.49	21.86	3.64	25.77
9/15/2007	59	0.3184	31.52	15.47	25.60	1.55	41.88	19.88	8.44	22.00	6.19	18.04	3.76	30.27	9.77	9.97	22.09	3.79	26.20
9/16/2007	60	0.3253	32.21	15.47	26.49	1.55	43.16	21.16	8.62	22.00	6.19	18.09	3.79	30.54	10.04	10.18	22.13	3.81	26.26
9/17/2007	57	0.3056	30.26	14.36	25.07	1.55	40.64	18.64	8.10	22.00	6.19	17.95	3.70	29.78	9.28	9.57	22.03	3.75	26.08
9/18/2007	42	0.2280	22.57	8.51	20.90	0.94	32.73	10.73	6.04	22.00	6.19	17.41	3.32	26.79	6.29	7.14	21.64	3.51	25.38
9/19/2007	33	0.1794	17.76	8.51	14.63	0.77	23.90	1.90	4.75	22.00	6.19	17.07	3.08	24.92	4.42	5.61	21.40	3.36	24.93
9/20/2007	31	0.1686	16.69	7.79	13.96	0.77	22.62	0.62	4.47	22.00	6.19	16.99	3.03	24.50	4.00	5.28	21.34	3.32	24.83
9/21/2007	27	0.1469	14.55	5.65	13.31	0.77	20.76	0.00	3.89	20.76	6.19	15.60	2.92	22.43	1.93	4.60	21.23	3.26	24.64
9/22/2007	27	0.1469	14.55	5.65	13.31	0.77	20.76	0.00	3.89	20.76	6.19	15.60	2.92	22.43	1.93	4.60	21.23	3.26	24.64
9/23/2007	29	0.1577	15.62	6.72	13.63	0.77	21.69	0.00	4.18	21.69	6.19	16.61	2.97	23.78	3.28	4.94	21.29	3.29	24.74
9/24/2007	28	0.1523	15.08	6.18	13.47	0.77	21.23	0.00	4.04	21.23	6.19	16.10	2.95	23.10	2.60	4.77	21.26	3.27	24.69
9/25/2007	26	0.1415	14.01	5.11	13.15	0.77	20.30	0.00	3.75	20.30	6.19	15.10	2.89	21.76	1.26	4.43	21.21	3.24	24.59
9/26/2007	27	0.1469	14.55	5.65	13.31	0.77	20.76	0.00	3.89	20.76	6.19	15.60	2.92	22.43	1.93	4.60	21.23	3.26	24.64
9/27/2007	26	0.1388	13.74	4.84	13.06	0.77	20.06	0.00	3.68	20.06	6.19	14.84	2.88	21.41	0.91	4.34	21.19	3.23	24.56
9/28/2007	28	0.1523	15.08	6.18	13.47	0.77	21.23	0.00	4.04	21.23	6.19	16.10	2.95	23.10	2.60	4.77	21.26	3.27	24.69
9/29/2007	30	0.1631	16.15	7.25	13.79	0.77	22.16	0.16	4.32	22.00	6.19	16.95	3.00	24.29	3.79	5.11	21.32	3.31	24.78
9/30/2007	23	0.1242	12.30	4.64	11.38	0.77	17.57	0.00	3.29	17.57	6.19	12.25	2.81	18.36	0.00	3.89	18.98	3.19	22.29
10/1/2007	20	0.1060	10.49	4.64	9.03	0.77	14.20	0.00	2.81	14.20	6.19	8.75	2.72	14.29	0.00	3.32	14.82	3.13	18.05
10/2/2007	19	0.1011	10.01	4.64	8.41	0.77	13.30	0.00	2.68	13.30	6.19	7.82	2.70	13.20	0.00	3.17	13.71	3.11	16.92
10/3/2007	16	0.0882	8.73	4.64	6.73	0.77	10.90	0.00	2.34	10.90	6.19	5.32	2.63	10.30	0.00	2.76	10.74	3.03	13.86
10/4/2007	15	0.0833	8.25	4.64	6.10	0.77	10.00	0.00	2.21	10.00	6.19	4.39	2.61	9.21	0.00	2.61	9.63	2.87	12.58

Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFSM (CFS/mi <sup>2</sup> )	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
10/5/2007	17	0.0909	9.00	4.64	7.08	0.77	11.40	0.00	2.41	11.40	6.19	5.84	2.65	10.91	0.00	2.84	11.36	3.08	14.53
10/6/2007	21	0.1119	11.08	4.64	9.80	0.77	15.29	0.00	2.97	15.29	6.19	9.88	2.75	15.61	0.00	3.50	16.17	3.15	19.43
10/7/2007	24	0.1271	12.58	4.64	11.75	0.77	18.10	0.00	3.37	18.10	6.19	12.80	2.82	19.00	0.00	3.98	19.64	3.19	22.96
10/8/2007	25	0.1325	13.12	4.64	12.45	0.77	19.10	0.00	3.51	19.10	6.19	13.83	2.85	20.21	0.00	4.15	20.87	3.21	24.21
10/9/2007	22	0.1189	11.77	4.64	10.70	0.77	16.59	0.00	3.15	16.59	6.19	11.23	2.78	17.18	0.00	3.72	17.77	3.17	21.06
10/10/2007	31	0.1649	16.33	7.43	13.85	0.77	22.31	0.31	4.37	22.00	6.19	16.97	3.01	24.36	3.86	5.16	21.32	3.31	24.80
10/11/2007	31	0.1649	16.33	7.43	13.85	0.77	22.31	0.31	4.37	22.00	6.19	16.97	3.01	24.36	3.86	5.16	21.32	3.31	24.80
10/12/2007	36	0.1920	19.00	8.51	16.25	0.77	26.23	4.23	5.09	22.00	6.19	17.15	3.14	25.40	4.90	6.01	21.46	3.40	25.05
10/13/2007	27	0.1433	14.19	5.29	13.20	0.77	20.45	0.00	3.80	20.45	6.19	15.26	2.90	21.98	1.48	4.49	21.22	3.24	24.60
10/14/2007	21	0.1157	11.46	4.64	10.29	0.77	16.00	0.00	3.07	16.00	6.19	10.62	2.77	16.46	0.00	3.62	17.04	3.16	20.32
10/15/2007	21	0.1130	11.19	4.64	9.94	0.77	15.50	0.00	3.00	15.50	6.19	10.10	2.75	15.86	0.00	3.54	16.42	3.15	19.69
10/16/2007	18	0.0957	9.48	4.64	7.71	0.77	12.30	0.00	2.54	12.30	6.19	6.78	2.67	11.99	0.00	3.00	12.47	3.10	15.66
10/17/2007	17	0.0941	9.32	4.64	7.50	0.77	12.00	0.00	2.49	12.00	6.19	6.47	2.66	11.63	0.00	2.95	12.10	3.09	15.29
10/18/2007	18	0.0957	9.48	4.64	7.71	0.77	12.30	0.00	2.54	12.30	6.19	6.78	2.67	11.99	0.00	3.00	12.47	3.10	15.66
10/19/2007	28	0.1504	14.88	5.98	13.41	0.77	21.06	0.00	3.98	21.06	6.19	15.92	2.94	22.86	2.36	4.71	21.25	3.27	24.67
10/20/2007	28	0.1487	14.72	5.82	13.36	0.77	20.92	0.00	3.94	20.92	6.19	15.77	2.93	22.65	2.15	4.65	21.24	3.26	24.65
10/21/2007	27	0.1433	14.19	5.29	13.20	0.77	20.45	0.00	3.80	20.45	6.19	15.26	2.90	21.98	1.48	4.49	21.22	3.24	24.60
10/22/2007	32	0.1703	16.86	7.96	14.01	0.77	22.77	0.77	4.51	22.00	6.19	17.00	3.03	24.57	4.07	5.33	21.35	3.33	24.85
10/23/2007	40	0.2136	21.14	8.51	19.04	0.77	30.23	8.23	5.66	22.00	6.19	17.31	3.25	26.23	5.73	6.68	21.57	3.46	25.24
10/24/2007	40	0.2136	21.14	8.51	19.04	0.77	30.23	8.23	5.66	22.00	6.19	17.31	3.25	26.23	5.73	6.68	21.57	3.46	25.24
10/25/2007	53	0.2838	28.10	12.20	24.42	1.55	38.76	16.76	7.52	22.00	6.19	17.80	3.59	28.94	8.44	8.88	21.92	3.68	25.88
10/26/2007	54	0.2893	28.64	12.74	24.58	1.55	39.23	17.23	7.67	22.00	6.19	17.84	3.62	29.15	8.65	9.05	21.95	3.70	25.93
10/27/2007	49	0.2622	25.96	10.06	23.77	1.55	36.90	14.90	6.95	22.00	6.19	17.65	3.48	28.11	7.61	8.21	21.81	3.61	25.69
10/28/2007	40	0.2136	21.14	8.51	19.04	0.77	30.23	8.23	5.66	22.00	6.19	17.31	3.25	26.23	5.73	6.68	21.57	3.46	25.24
10/29/2007	36	0.1920	19.00	8.51	16.25	0.77	26.23	4.23	5.09	22.00	6.19	17.15	3.14	25.40	4.90	6.01	21.46	3.40	25.05
10/30/2007	32	0.1703	16.86	7.96	14.01	0.77	22.77	0.77	4.51	22.00	6.19	17.00	3.03	24.57	4.07	5.33	21.35	3.33	24.85
10/31/2007	28	0.1487	14.72	5.82	13.36	0.77	20.92	0.00	3.94	20.92	6.19	15.77	2.93	22.65	2.15	4.65	21.24	3.26	24.65
11/1/2007	29	0.1559	15.43	6.53	13.58	0.77	21.53	0.00	4.13	21.53	6.19	16.43	2.96	23.54	3.04	4.88	21.28	3.28	24.72
11/2/2007	37	0.1991	19.71	8.51	17.18	0.77	27.55	5.55	5.28	22.00	6.19	17.20	3.18	25.68	5.18	6.23	21.50	3.42	25.11
11/3/2007	36	0.1937	19.18	8.51	16.48	0.77	26.55	4.55	5.13	22.00	6.19	17.17	3.15	25.47	4.97	6.06	21.47	3.40	25.06
11/4/2007	36	0.1937	19.18	8.51	16.48	0.77	26.55	4.55	5.13	22.00	6.19	17.17	3.15	25.47	4.97	6.06	21.47	3.40	25.06
11/5/2007	35	0.1883	18.64	8.51	15.78	0.77	25.55	3.55	4.99	22.00	6.19	17.13	3.12	25.26	4.76	5.89	21.44	3.38	25.01
11/6/2007	34	0.1829	18.11	8.51	15.08	0.77	24.55	2.55	4.85	22.00	6.19	17.09	3.10	25.05	4.55	5.72	21.41	3.37	24.96
11/7/2007	31	0.1667	16.50	7.60	13.90	0.77	22.46	0.46	4.42	22.00	6.19	16.98	3.02	24.43	3.93	5.22	21.33	3.32	24.82
11/8/2007	27	0.1451	14.36	5.46	13.25	0.77	20.60	0.00	3.84	20.60	6.19	15.43	2.91	22.20	1.70	4.54	21.23	3.25	24.62
11/9/2007	27	0.1451	14.36	5.46	13.25	0.77	20.60	0.00	3.84	20.60	6.19	15.43	2.91	22.20	1.70	4.54	21.23	3.25	24.62
11/10/2007	28	0.1505	14.90	6.00	13.41	0.77	21.07	0.00	3.99	21.07	6.19	15.93	2.94	22.87	2.37	4.71	21.25	3.27	24.67
11/11/2007	29	0.1559	15.43	6.53	13.58	0.77	21.53	0.00	4.13	21.53	6.19	16.43	2.96	23.54	3.04	4.88	21.28	3.28	24.72
11/12/2007	29	0.1559	15.43	6.53	13.58	0.77	21.53	0.00	4.13	21.53	6.19	16.43	2.96	23.54	3.04	4.88	21.28	3.28	24.72
11/13/2007	28	0.1541	15.25	6.35	13.52	0.77	21.38	0.00	4.08	21.38	6.19	16.26	2.95	23.32	2.82	4.82	21.27	3.28	24.70
11/14/2007	29	0.1563	15.47	6.57	13.59	0.77	21.57	0.00	4.14	21.57	6.19	16.47	2.97	23.59	3.09	4.89	21.28	3.28	24.72
11/15/2007	30	0.1617	16.01	7.11	13.75	0.77	22.03	0.03	4.28	22.00	6.19	16.94	2.99	24.24	3.74	5.06	21.31	3.30	24.77
11/16/2007	37	0.1995	19.75	8.51	17.23	0.77	27.63	5.63	5.29	22.00	6.19	17.21	3.18	25.69	5.19	6.25	21.50	3.42	25.12

Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFS/mi <sup>2</sup>	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
11/17/2007	40	0.2157	21.36	8.51	19.32	0.77	30.63	8.63	5.72	22.00	6.19	17.32	3.26	26.32	5.82	6.75	21.58	3.47	25.26
11/18/2007	43	0.2320	22.96	8.51	21.41	1.45	32.95	10.95	6.15	22.00	6.19	17.43	3.34	26.94	6.44	7.26	21.66	3.52	25.41
11/19/2007	35	0.1887	18.68	8.51	15.83	0.77	25.63	3.63	5.00	22.00	6.19	17.13	3.12	25.28	4.78	5.91	21.44	3.39	25.02
11/20/2007	30	0.1617	16.01	7.11	13.75	0.77	22.03	0.03	4.28	22.00	6.19	16.94	2.99	24.24	3.74	5.06	21.31	3.30	24.77
11/21/2007	34	0.1833	18.15	8.51	15.14	0.77	24.63	2.63	4.86	22.00	6.19	17.09	3.10	25.07	4.57	5.74	21.42	3.37	24.97
11/22/2007	43	0.2320	22.96	8.51	21.41	1.45	32.95	10.95	6.15	22.00	6.19	17.43	3.34	26.94	6.44	7.26	21.66	3.52	25.41
11/23/2007	44	0.2374	23.50	8.51	22.11	1.55	33.86	11.86	6.29	22.00	6.19	17.47	3.36	27.15	6.65	7.43	21.69	3.54	25.46
11/24/2007	92	0.4996	49.46	15.47	48.97	1.55	75.40	53.40	13.24	22.00	6.19	19.31	4.65	37.24	16.74	15.64	23.00	4.35	27.85
11/25/2007	78	0.4239	41.96	15.47	39.21	1.55	61.40	39.40	11.23	22.00	6.19	18.78	4.28	34.33	13.83	13.27	22.62	4.11	27.16
11/26/2007	71	0.3860	38.22	15.47	34.33	1.55	54.40	32.40	10.23	22.00	6.19	18.51	4.09	32.87	12.37	12.08	22.43	4.00	26.81
11/27/2007	75	0.4068	40.27	15.47	37.01	1.55	58.24	36.24	10.78	22.00	6.19	18.66	4.19	33.67	13.17	12.73	22.53	4.06	27.00
11/28/2007	100	0.5392	53.38	15.47	54.08	1.55	82.73	54.15	14.29	28.57	6.19	26.16	4.84	45.34	24.84	16.88	23.20	4.47	28.21
11/29/2007	66	0.3558	35.22	15.47	30.42	1.55	48.80	26.80	9.43	22.00	6.19	18.30	3.94	31.71	11.21	11.14	22.28	3.90	26.54
11/30/2007	82	0.4425	43.81	15.47	41.62	1.55	64.85	42.85	11.73	22.00	6.19	18.91	4.37	35.05	14.55	13.85	22.71	4.17	27.33
12/1/2007	36	0.1938	19.18	8.51	16.49	0.77	26.57	4.57	5.14	22.00	6.19	17.17	3.15	25.47	4.97	6.07	21.47	3.40	25.06
12/2/2007	31	0.1668	16.51	7.61	13.90	0.77	22.47	0.47	4.42	22.00	6.19	16.98	3.02	24.43	3.93	5.22	21.33	3.32	24.82
12/3/2007	43	0.2316	22.93	8.51	21.37	1.41	32.93	10.93	6.14	22.00	6.19	17.43	3.34	26.93	6.43	7.25	21.66	3.52	25.41
12/4/2007	53	0.2857	28.28	12.38	24.47	1.55	38.92	16.92	7.57	22.00	6.19	17.81	3.60	29.01	8.51	8.94	21.93	3.69	25.90
12/5/2007	63	0.3407	33.73	15.47	28.48	1.55	46.01	24.01	9.03	22.00	6.19	18.20	3.87	31.13	10.63	10.66	22.20	3.86	26.40
12/6/2007	50	0.2710	26.83	10.93	24.03	1.55	37.66	15.66	7.18	22.00	6.19	17.71	3.53	28.45	7.95	8.48	21.86	3.64	25.77
12/7/2007	41	0.2238	22.16	8.51	20.36	0.77	32.12	10.12	5.93	22.00	6.19	17.38	3.30	26.63	6.13	7.01	21.62	3.49	25.34
12/8/2007	47	0.2528	25.03	9.13	23.49	1.55	36.10	14.10	6.70	22.00	6.19	17.58	3.44	27.75	7.25	7.91	21.76	3.58	25.60
12/9/2007	46	0.2474	24.50	8.60	23.32	1.55	35.63	13.63	6.56	22.00	6.19	17.54	3.41	27.54	7.04	7.74	21.74	3.57	25.55
12/10/2007	45	0.2420	23.96	8.51	22.71	1.55	34.72	12.72	6.41	22.00	6.19	17.51	3.39	27.33	6.83	7.58	21.71	3.55	25.50
12/11/2007	46	0.2494	24.69	8.79	23.38	1.55	35.80	13.80	6.61	22.00	6.19	17.56	3.42	27.61	7.11	7.81	21.75	3.57	25.57
12/12/2007	46	0.2478	24.54	8.64	23.34	1.55	35.67	13.67	6.57	22.00	6.19	17.55	3.41	27.55	7.05	7.76	21.74	3.57	25.56
12/13/2007	45	0.2424	24.00	8.51	22.76	1.55	34.79	12.79	6.42	22.00	6.19	17.51	3.39	27.34	6.84	7.59	21.71	3.55	25.51
12/14/2007	45	0.2424	24.00	8.51	22.76	1.55	34.79	12.79	6.42	22.00	6.19	17.51	3.39	27.34	6.84	7.59	21.71	3.55	25.51
12/15/2007	48	0.2586	25.61	9.71	23.66	1.55	36.60	14.60	6.85	22.00	6.19	17.62	3.47	27.97	7.47	8.10	21.79	3.60	25.65
12/16/2007	95	0.5162	51.10	15.47	51.12	1.55	78.48	54.15	13.68	24.32	6.19	21.75	4.73	40.21	19.71	16.16	23.08	4.40	28.00
12/17/2007	98	0.5297	52.44	15.47	52.86	1.55	80.98	54.15	14.04	26.83	6.19	24.35	4.80	43.23	22.73	16.58	23.15	4.44	28.12
12/18/2007	107	0.5774	57.16	15.47	59.01	1.55	89.80	54.15	15.30	35.64	6.19	33.50	5.03	53.89	33.39	18.07	23.39	4.59	28.55
12/19/2007	70	0.3766	37.28	15.47	33.11	1.55	52.65	30.65	9.98	22.00	6.19	18.45	4.05	32.51	12.01	11.79	22.38	3.97	26.73
12/20/2007	57	0.3076	30.45	14.55	25.13	1.55	40.80	18.80	8.15	22.00	6.19	17.96	3.71	29.85	9.35	9.63	22.04	3.75	26.10
12/21/2007	59	0.3185	31.53	15.47	25.62	1.55	41.91	19.91	8.44	22.00	6.19	18.04	3.76	30.27	9.77	9.97	22.09	3.79	26.20
12/22/2007	56	0.3017	29.87	13.97	24.95	1.55	40.30	18.30	8.00	22.00	6.19	17.92	3.68	29.63	9.13	9.44	22.01	3.74	26.05
12/23/2007	64	0.3452	34.17	15.47	29.06	1.55	46.84	24.84	9.15	22.00	6.19	18.23	3.89	31.30	10.80	10.80	22.23	3.87	26.44
12/24/2007	68	0.3653	36.17	15.47	31.66	1.55	50.57	28.57	9.68	22.00	6.19	18.37	3.99	32.08	11.58	11.43	22.33	3.93	26.62
12/25/2007	79	0.4261	42.18	15.47	39.49	1.55	61.81	39.81	11.29	22.00	6.19	18.79	4.29	34.42	13.92	13.34	22.63	4.12	27.18
12/26/2007	76	0.4125	40.84	15.47	37.74	1.55	59.29	37.29	10.93	22.00	6.19	18.70	4.22	33.89	13.39	12.91	22.56	4.08	27.05
12/27/2007	62	0.3336	33.03	15.47	27.56	1.55	44.70	22.70	8.84	22.00	6.19	18.15	3.83	30.86	10.36	10.44	22.17	3.83	26.34
12/28/2007	88	0.4744	46.97	15.47	45.73	1.55	70.75	48.75	12.57	22.00	6.19	19.13	4.52	36.28	15.78	14.85	22.87	4.27	27.62
12/29/2007	112	0.6066	60.06	15.47	62.78	1.55	95.21	54.15	16.08	41.06	6.19	39.11	5.17	60.42	39.92	18.99	23.53	4.68	28.82

Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFS/mi <sup>2</sup>	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
12/30/2007	201	1.0866	107.57	15.47	124.70	1.55	184.00	54.15	28.79	129.85	6.19	131.27	7.52	167.69	54.15	34.01	118.97	6.17	126.23
12/31/2007	322	1.7415	172.40	15.47	209.18	1.55	305.15	54.15	46.15	251.00	6.19	257.00	10.73	314.05	54.15	54.51	268.61	8.20	278.55
1/1/2008	343	1.8564	183.79	15.47	224.01	1.55	326.42	54.15	49.20	272.27	6.19	279.07	11.30	339.75	54.15	58.11	294.88	8.56	305.29
1/2/2008	335	1.8094	179.13	15.47	217.94	1.55	317.72	54.15	47.95	263.56	6.19	270.04	11.07	329.23	54.15	56.63	284.13	8.41	294.34
1/3/2008	201	1.0859	107.50	15.47	124.61	1.55	183.87	54.15	28.78	129.71	6.19	131.13	7.52	167.53	54.15	33.99	118.81	6.17	126.06
1/4/2008	136	0.7331	72.58	15.47	79.10	1.55	118.61	54.15	19.43	64.46	6.19	63.40	5.79	88.69	54.15	22.95	38.20	5.07	44.01
1/5/2008	116	0.6279	62.16	15.47	65.53	1.55	99.14	54.15	16.64	44.99	6.19	43.19	5.28	65.17	44.67	19.65	23.64	4.75	29.01
1/6/2008	101	0.5486	54.31	15.47	55.29	1.55	84.47	54.15	14.54	30.31	6.19	27.96	4.89	47.44	26.94	17.17	23.24	4.50	28.29
1/7/2008	96	0.5207	51.55	15.47	51.70	1.55	79.32	54.15	13.80	25.16	6.19	22.62	4.75	41.22	20.72	16.30	23.10	4.41	28.04
1/8/2008	77	0.4166	41.24	15.47	38.27	1.55	60.05	38.05	11.04	22.00	6.19	18.73	4.24	34.05	13.55	13.04	22.58	4.09	27.09
1/9/2008	85	0.4621	45.75	15.47	44.14	1.55	68.47	46.47	12.25	22.00	6.19	19.05	4.46	35.80	15.30	14.46	22.81	4.23	27.51
1/10/2008	97	0.5262	52.09	15.47	52.41	1.55	80.33	54.15	13.94	26.17	6.19	23.67	4.78	42.44	21.94	16.47	23.13	4.43	28.09
1/11/2008	118	0.6397	63.33	15.47	67.05	1.55	101.33	54.15	16.95	47.17	6.19	45.46	5.33	67.81	47.31	20.02	23.70	4.78	29.12
1/12/2008	140	0.7582	75.06	15.47	82.33	1.55	123.24	54.15	20.09	69.09	6.19	68.21	5.92	94.29	54.15	23.73	43.92	5.15	49.83
1/13/2008	171	0.9229	91.36	15.47	103.58	1.55	153.71	54.15	24.46	99.56	6.19	99.83	6.72	131.10	54.15	28.89	81.56	5.66	88.14
1/14/2008	128	0.6922	68.53	15.47	73.82	1.55	111.04	54.15	18.34	56.89	6.19	55.54	5.59	79.55	54.15	21.67	28.85	4.95	34.49
1/15/2008	112	0.6033	59.73	15.47	62.35	1.55	94.59	54.15	15.99	40.43	6.19	38.47	5.16	59.67	39.17	18.88	23.52	4.67	28.79
1/16/2008	98	0.5323	52.69	15.47	53.19	1.55	81.45	54.15	14.11	27.30	6.19	24.83	4.81	43.80	23.30	16.66	23.16	4.45	28.14
1/17/2008	124	0.6703	66.36	15.47	70.99	1.55	106.98	54.15	17.76	52.82	6.19	51.33	5.48	74.64	54.14	20.98	23.85	4.88	29.40
1/18/2008	147	0.7946	78.66	15.47	87.03	1.55	129.98	54.15	21.06	75.82	6.19	75.20	6.09	102.43	54.15	24.87	52.24	5.26	58.30
1/19/2008	167	0.9046	89.56	15.47	101.23	1.55	150.34	54.15	23.97	96.18	6.19	96.33	6.63	127.02	54.15	28.32	77.39	5.60	83.90
1/20/2008	156	0.8409	83.25	15.47	93.01	1.55	138.55	54.15	22.28	84.40	6.19	84.09	6.32	112.78	54.15	26.32	62.83	5.41	69.08
1/21/2008	124	0.6703	66.36	15.47	71.00	1.55	106.99	54.15	17.76	52.84	6.19	51.34	5.48	74.66	54.15	20.98	23.86	4.88	29.41
1/22/2008	121	0.6547	64.82	15.47	68.99	1.55	104.11	54.15	17.35	49.95	6.19	48.35	5.41	71.17	50.67	20.49	23.77	4.83	29.26
1/23/2008	113	0.6094	60.33	15.47	63.14	1.55	95.71	54.15	16.15	41.56	6.19	39.64	5.19	61.03	40.53	19.07	23.55	4.69	28.85
1/24/2008	110	0.5938	58.79	15.47	61.13	1.55	92.84	54.15	15.74	38.68	6.19	36.65	5.11	57.56	37.06	18.59	23.47	4.64	28.70
1/25/2008	103	0.5589	55.33	15.47	56.62	1.55	86.37	54.15	14.81	32.22	6.19	29.94	4.94	49.75	29.25	17.49	23.29	4.53	28.39
1/26/2008	94	0.5105	50.54	15.47	50.38	1.55	77.42	54.15	13.53	23.27	6.19	20.66	4.70	38.94	18.44	15.98	23.05	4.38	27.95
1/27/2008	89	0.4835	47.86	15.47	46.90	1.55	72.42	50.42	12.81	22.00	6.19	19.20	4.57	36.63	16.13	15.13	22.92	4.30	27.70
1/28/2008	83	0.4502	44.57	15.47	42.60	1.55	66.26	44.26	11.93	22.00	6.19	18.96	4.41	35.34	14.84	14.09	22.75	4.20	27.40
1/29/2008	77	0.4185	41.43	15.47	38.51	1.55	60.40	38.40	11.09	22.00	6.19	18.74	4.25	34.12	13.62	13.10	22.59	4.10	27.11
1/30/2008	93	0.5027	49.77	15.47	49.38	1.55	75.98	53.98	13.32	22.00	6.19	19.33	4.66	37.37	16.87	15.73	23.01	4.36	27.87
1/31/2008	89	0.4813	47.65	15.47	46.61	1.55	72.02	50.02	12.75	22.00	6.19	19.18	4.56	36.54	16.04	15.06	22.91	4.29	27.68
2/1/2008	171	0.9224	91.31	15.47	103.51	1.55	153.62	54.15	24.44	99.46	6.19	99.73	6.72	130.98	54.15	28.87	81.44	5.66	88.02
2/2/2008	258	1.3919	137.80	15.47	164.08	1.55	240.48	54.15	36.89	186.33	6.19	189.88	9.02	235.93	54.15	43.57	188.73	7.11	197.24
2/3/2008	353	1.9062	188.71	15.47	230.42	1.55	335.62	54.15	50.51	281.46	6.19	288.62	11.54	350.86	54.15	59.66	306.24	8.71	316.85
2/4/2008	256	1.3855	137.16	15.47	163.25	1.55	239.29	54.15	36.71	185.14	6.19	188.64	8.99	234.49	54.15	43.36	187.26	7.09	195.74
2/5/2008	180	0.9735	96.38	15.47	110.11	1.55	163.08	54.15	25.80	108.92	6.19	109.55	6.97	142.42	54.15	30.47	93.13	5.82	99.92
2/6/2008	161	0.8691	86.05	15.47	96.65	1.55	143.77	54.15	23.03	89.62	6.19	89.51	6.46	119.09	54.15	27.20	69.28	5.49	75.65
2/7/2008	153	0.8276	81.94	15.47	91.29	1.55	136.09	54.15	21.93	81.94	6.19	81.54	6.26	109.82	54.15	25.91	59.80	5.37	65.99
2/8/2008	153	0.8293	82.10	15.47	91.51	1.55	136.41	54.15	21.98	82.25	6.19	81.87	6.26	110.19	54.15	25.96	60.18	5.37	66.38
2/9/2008	135	0.7310	72.37	15.47	78.82	1.55	118.21	54.15	19.37	64.05	6.19	62.98	5.78	88.21	54.15	22.88	37.71	5.07	43.50
2/10/2008	105	0.5654	55.97	15.47	57.46	1.55	87.57	54.15	14.98	33.42	6.19	31.19	4.97	51.19	30.69	17.70	23.33	4.55	28.44

Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFSM (CFS/mi <sup>2</sup> )	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
2/11/2008	108	0.5820	57.62	15.47	59.61	1.55	90.65	54.15	15.42	36.50	6.19	34.38	5.05	54.92	34.42	18.22	23.41	4.60	28.60
2/12/2008	103	0.5558	55.02	15.47	56.22	1.55	85.80	54.15	14.73	31.64	6.19	29.34	4.92	49.05	28.55	17.40	23.28	4.52	28.36
2/13/2008	96	0.5212	51.60	15.47	51.76	1.55	79.40	54.15	13.81	25.25	6.19	22.71	4.75	41.32	20.82	16.31	23.11	4.42	28.04
2/14/2008	103	0.5573	55.17	15.47	56.42	1.55	86.08	54.15	14.77	31.92	6.19	29.64	4.93	49.39	28.89	17.44	23.29	4.53	28.37
2/15/2008	101	0.5446	53.91	15.47	54.78	1.55	83.73	54.15	14.43	29.57	6.19	27.20	4.87	46.55	26.05	17.05	23.22	4.49	28.26
2/16/2008	88	0.4780	47.32	15.47	46.19	1.55	71.41	49.41	12.67	22.00	6.19	19.16	4.54	36.41	15.91	14.96	22.89	4.28	27.65
2/17/2008	72	0.3912	38.73	15.47	34.99	1.55	55.35	33.35	10.37	22.00	6.19	18.55	4.12	33.07	12.57	12.24	22.46	4.01	26.86
2/18/2008	113	0.6105	60.44	15.47	63.28	1.55	95.93	54.15	16.18	41.77	6.19	39.86	5.19	61.29	40.79	19.11	23.55	4.69	28.86
2/19/2008	126	0.6829	67.60	15.47	72.62	1.55	109.31	54.15	18.10	55.16	6.19	53.75	5.55	77.46	54.15	21.37	26.72	4.92	32.32
2/20/2008	133	0.7176	71.04	15.47	77.09	1.55	115.73	54.15	19.02	61.57	6.19	60.41	5.72	85.21	54.15	22.46	34.64	5.02	40.39
2/21/2008	113	0.6126	60.65	15.47	63.55	1.55	96.31	54.15	16.23	42.16	6.19	40.26	5.20	61.75	41.25	19.17	23.56	4.70	28.87
2/22/2008	183	0.9901	98.02	15.47	112.25	1.55	166.15	54.15	26.24	111.99	6.19	112.73	7.05	146.12	54.15	30.99	96.92	5.87	103.78
2/23/2008	345	1.8638	184.52	15.47	224.96	1.55	327.79	54.15	49.39	273.64	6.19	280.49	11.33	341.41	54.15	58.34	296.57	8.58	307.01
2/24/2008	472	2.5504	252.49	15.47	313.53	1.55	454.81	54.15	67.59	400.65	6.19	412.32	14.70	494.86	54.15	79.83	453.45	10.71	466.71
2/25/2008	374	2.0197	199.95	15.47	245.06	1.55	356.62	54.15	53.52	302.46	6.19	310.41	12.10	376.23	54.15	63.22	332.18	9.06	343.26
2/26/2008	253	1.3687	135.50	15.47	161.08	1.55	236.18	54.15	36.27	182.03	6.19	185.42	8.91	230.73	54.15	42.84	183.42	7.04	191.83
2/27/2008	270	1.4605	144.59	15.47	172.94	1.55	253.18	54.15	38.70	199.03	6.19	203.06	9.36	251.27	54.15	45.71	204.42	7.33	213.21
2/28/2008	332	1.7957	177.77	15.47	216.17	1.55	315.18	54.15	47.59	261.03	6.19	267.41	11.00	326.17	54.15	56.20	281.00	8.37	291.16
2/29/2008	250	1.3524	133.89	15.47	158.99	1.55	233.18	54.15	35.84	179.03	6.19	182.30	8.83	227.11	54.15	42.33	179.71	6.99	188.06
3/1/2008	190	1.0279	101.77	15.47	117.13	1.55	173.15	54.15	27.24	119.00	6.19	120.00	7.24	154.58	54.15	32.17	105.57	5.99	112.58
3/2/2008	169	0.9144	90.53	15.47	102.49	1.55	152.15	54.15	24.23	98.00	6.19	98.21	6.68	129.21	54.15	28.62	79.63	5.63	86.18
3/3/2008	154	0.8303	82.20	15.47	91.64	1.55	136.59	54.15	22.00	82.43	6.19	82.06	6.27	110.41	54.15	25.99	60.41	5.37	66.61
3/4/2008	166	0.8975	88.86	15.47	100.31	1.55	149.02	54.15	23.78	94.87	6.19	94.96	6.60	125.44	54.15	28.09	75.77	5.58	82.25
3/5/2008	284	1.5330	151.77	15.47	182.29	1.55	266.59	54.15	40.62	212.43	6.19	216.97	9.71	267.46	54.15	47.98	220.98	7.55	230.06
3/6/2008	399	2.1546	213.31	15.47	262.48	1.55	381.59	54.15	57.10	327.43	6.19	336.33	12.76	406.40	54.15	67.44	363.02	9.48	374.65
3/7/2008	389	2.1006	207.96	15.47	255.50	1.55	371.59	54.15	55.67	317.43	6.19	325.95	12.49	394.32	54.15	65.75	350.66	9.31	362.08
3/8/2008	302	1.6303	161.40	15.47	194.84	1.55	284.59	54.15	43.20	230.43	6.19	235.66	10.19	289.21	54.15	51.03	243.21	7.85	252.69
3/9/2008	278	1.5006	148.56	15.47	178.10	1.55	260.59	54.15	39.77	206.43	6.19	210.75	9.55	260.22	54.15	46.97	213.56	7.45	222.52
3/10/2008	218	1.1763	116.45	15.47	136.26	1.55	200.59	54.15	31.17	146.43	6.19	148.48	7.96	187.73	54.15	36.82	139.46	6.45	147.08
3/11/2008	180	0.9708	96.11	15.47	109.77	1.55	162.59	54.15	25.73	108.43	6.19	109.04	6.96	141.82	54.15	30.39	92.52	5.81	99.30
3/12/2008	164	0.8874	87.85	15.47	99.00	1.55	147.15	54.15	23.52	93.00	6.19	93.02	6.55	123.17	54.15	27.78	73.45	5.55	79.89
3/13/2008	153	0.8272	81.89	15.47	91.24	1.55	136.01	54.15	21.92	81.86	6.19	81.46	6.25	109.72	54.15	25.89	59.70	5.36	65.89
3/14/2008	147	0.7921	78.41	15.47	86.70	1.55	129.51	54.15	20.99	75.36	6.19	74.71	6.08	101.86	54.15	24.79	51.67	5.26	57.72
3/15/2008	184	0.9948	98.49	15.47	112.86	1.55	167.02	54.15	26.36	112.87	6.19	113.65	7.07	147.18	54.15	31.14	98.00	5.88	104.88
3/16/2008	223	1.2056	119.36	15.47	140.06	1.55	206.02	54.15	31.95	151.87	6.19	154.12	8.11	194.30	54.15	37.74	146.17	6.54	153.92
3/17/2008	196	1.0597	104.91	15.47	121.23	1.55	179.02	54.15	28.08	124.87	6.19	126.10	7.39	161.68	54.15	33.17	112.82	6.09	119.97
3/18/2008	162	0.8759	86.72	15.47	97.52	1.55	145.02	54.15	23.21	90.87	6.19	90.81	6.49	120.60	54.15	27.42	70.83	5.52	77.22
3/19/2008	155	0.8381	82.97	15.47	92.64	1.55	138.02	54.15	22.21	83.87	6.19	83.55	6.31	112.15	54.15	26.23	62.18	5.40	68.42
3/20/2008	214	1.1570	114.54	15.47	133.78	1.55	197.02	54.15	30.66	142.87	6.19	144.78	7.87	183.43	54.15	36.21	135.06	6.39	142.60
3/21/2008	292	1.5786	156.28	15.47	188.17	1.55	275.02	54.15	41.83	220.87	6.19	225.73	9.94	277.66	54.15	49.41	231.40	7.69	240.67
3/22/2008	296	1.6002	158.42	15.47	190.96	1.55	279.02	54.15	42.41	224.87	6.19	229.88	10.04	282.49	54.15	50.09	236.34	7.76	245.70
3/23/2008	197	1.0651	105.45	15.47	121.93	1.55	180.02	54.15	28.23	125.87	6.19	127.14	7.42	162.89	54.15	33.34	114.06	6.10	121.23
3/24/2008	163	0.8813	87.25	15.47	98.22	1.55	146.02	54.15	23.35	91.87	6.19	91.85	6.52	121.81	54.15	27.59	72.06	5.53	78.48



Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFS/mi <sup>2</sup>	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
3/25/2008	145	0.7840	77.62	15.47	85.67	1.55	128.02	54.15	20.78	73.87	6.19	73.17	6.04	100.07	54.15	24.54	49.83	5.23	55.85
3/26/2008	132	0.7138	70.66	15.47	76.60	1.55	115.02	54.15	18.91	60.87	6.19	59.68	5.70	84.36	54.15	22.34	33.78	5.01	39.50
3/27/2008	122	0.6597	65.31	15.47	69.63	1.55	105.02	54.15	17.48	50.87	6.19	49.30	5.43	72.28	51.78	20.65	23.80	4.85	29.30
3/28/2008	121	0.6538	64.72	15.47	68.86	1.55	103.93	54.15	17.33	49.77	6.19	48.16	5.40	70.96	50.46	20.46	23.77	4.83	29.25
3/29/2008	122	0.6600	65.34	15.47	69.66	1.55	105.07	54.15	17.49	50.92	6.19	49.35	5.43	72.34	51.84	20.66	23.80	4.85	29.31
3/30/2008	178	0.9627	95.30	15.47	108.71	1.55	161.07	54.15	25.51	106.92	6.19	107.47	6.92	139.99	54.15	30.13	90.65	5.78	97.40
3/31/2008	205	1.1086	109.75	15.47	127.54	1.55	188.07	54.15	29.38	133.92	6.19	135.49	7.63	172.61	54.15	34.70	124.00	6.24	131.35
4/1/2008	191	1.0317	102.14	15.47	117.62	1.55	173.84	54.15	27.34	119.69	6.19	120.72	7.26	155.42	54.15	32.29	106.43	6.00	113.46
4/2/2008	163	0.8803	87.15	15.47	98.09	1.55	145.84	54.15	23.33	91.69	6.19	91.66	6.51	121.59	54.15	27.55	71.84	5.53	78.25
4/3/2008	146	0.7885	78.06	15.47	86.24	1.55	128.84	54.15	20.89	74.69	6.19	74.02	6.06	101.06	54.15	24.68	50.84	5.24	56.88
4/4/2008	138	0.7452	73.78	15.47	80.66	1.55	120.84	54.15	19.75	66.69	6.19	65.72	5.85	91.39	54.15	23.33	40.96	5.11	46.82
4/5/2008	215	1.1614	114.98	15.47	134.35	1.55	197.84	54.15	30.78	143.69	6.19	145.63	7.89	184.42	54.15	36.35	136.07	6.40	143.63
4/6/2008	372	2.0101	199.00	15.47	243.83	1.55	354.84	54.15	53.27	300.69	6.19	308.57	12.05	374.09	54.15	62.92	329.99	9.03	341.03
4/7/2008	497	2.6858	265.89	15.47	330.99	1.55	479.84	54.15	71.17	425.69	6.19	438.30	15.36	525.10	54.15	84.06	484.38	11.13	498.19
4/8/2008	426	2.3020	227.89	15.47	281.48	1.55	408.84	37.14	61.00	371.71	6.19	381.63	13.48	456.35	54.15	72.05	413.70	9.94	425.94
4/9/2008	262	1.4155	140.13	15.47	167.12	1.55	244.84	5.38	37.51	239.46	6.19	243.18	9.14	289.97	54.15	44.30	242.89	7.19	251.50
4/10/2008	203	1.0966	108.56	15.47	125.98	1.55	185.84	13.83	29.06	172.01	6.19	173.50	7.57	210.24	54.15	34.32	161.57	6.20	168.86
4/11/2008	177	0.9560	94.65	15.47	107.85	1.55	159.84	17.56	25.33	142.29	6.19	142.79	6.88	175.10	54.15	29.92	125.73	5.76	132.45
4/12/2008	242	1.3074	129.43	15.47	153.18	1.55	224.84	8.25	34.65	216.60	6.19	219.56	8.61	262.94	54.15	40.92	215.32	6.85	223.49
4/13/2008	283	1.5290	151.37	15.47	181.77	1.55	265.84	2.37	40.52	263.47	6.19	267.98	9.69	318.35	54.15	47.86	271.84	7.54	280.91
4/14/2008	245	1.3239	131.06	15.47	155.31	1.55	227.90	7.81	35.08	220.09	6.19	223.17	8.69	267.07	54.15	41.44	219.53	6.90	227.76
4/15/2008	184	0.9941	98.42	15.47	112.77	1.55	166.89	16.55	26.34	150.35	6.19	151.12	7.07	184.63	54.15	31.12	135.45	5.88	142.32
4/16/2008	160	0.8629	85.43	15.47	95.84	1.55	142.62	20.03	22.87	122.59	6.19	122.45	6.43	151.83	54.15	27.01	101.99	5.48	108.33
4/17/2008	144	0.7776	76.99	15.47	84.84	1.55	126.84	22.28	20.61	104.56	6.19	103.81	6.01	130.51	54.15	24.34	80.24	5.21	86.23
4/18/2008	131	0.7074	70.03	15.47	75.78	1.55	113.84	24.15	18.75	89.70	6.19	88.46	5.67	112.94	54.15	22.14	62.32	4.99	68.03
4/19/2008	124	0.6695	66.28	15.47	70.90	1.55	106.84	25.15	17.74	81.69	6.19	80.19	5.48	103.48	54.15	20.96	52.68	4.88	58.22
4/20/2008	124	0.6698	66.31	15.47	70.94	1.55	106.90	25.14	17.75	81.76	6.19	80.26	5.48	103.56	54.15	20.97	52.75	4.88	58.30
4/21/2008	119	0.6428	63.63	15.47	67.45	1.55	101.89	25.86	17.03	76.04	6.19	74.35	5.35	96.79	54.15	20.12	45.85	4.79	51.29
4/22/2008	108	0.5833	57.75	15.47	59.78	1.55	90.89	27.43	15.46	63.46	6.19	61.35	5.06	81.93	54.15	18.26	30.69	4.61	35.88
4/23/2008	103	0.5563	55.07	15.47	56.29	1.55	85.89	28.15	14.74	57.74	6.19	55.45	4.93	75.17	54.15	17.41	23.80	4.52	28.88
4/24/2008	99	0.5347	52.93	15.47	53.50	1.55	81.89	28.72	14.17	53.17	6.19	50.72	4.82	69.77	49.27	16.74	23.17	4.46	28.17
4/25/2008	99	0.5332	52.79	15.47	53.31	1.55	81.62	28.76	14.13	52.86	6.19	50.40	4.81	69.40	48.90	16.69	23.17	4.45	28.15
4/26/2008	95	0.5128	50.77	15.47	50.68	1.55	77.84	29.30	13.59	48.54	6.19	45.94	4.71	64.29	43.79	16.05	23.06	4.39	27.97
4/27/2008	97	0.5236	51.84	15.47	52.07	1.55	79.84	29.02	13.88	50.83	6.19	48.30	4.77	67.00	46.50	16.39	23.12	4.42	28.06
4/28/2008	107	0.5776	57.19	15.47	59.04	1.55	89.84	27.58	15.31	62.26	6.19	60.11	5.03	80.51	54.15	18.08	29.24	4.59	34.41
4/29/2008	114	0.6155	60.93	15.47	63.92	1.55	96.84	26.58	16.31	70.26	6.19	68.38	5.22	89.97	54.15	19.26	38.89	4.71	44.22
4/30/2008	120	0.6479	64.14	15.47	68.11	1.55	102.84	25.72	17.17	77.12	6.19	75.47	5.37	98.08	54.15	20.28	47.16	4.81	52.62
5/1/2008	97	0.5233	51.80	15.47	52.03	1.55	79.78	28.42	13.87	51.36	6.19	48.83	4.76	67.52	47.02	16.38	23.12	4.42	28.06
5/2/2008	90	0.4848	48.00	15.47	47.07	1.55	72.67	29.44	12.85	43.23	6.19	40.43	4.58	57.90	37.40	15.17	22.92	4.30	27.71
5/3/2008	84	0.4530	44.85	15.47	42.96	1.55	66.78	30.29	12.00	36.50	6.19	33.48	4.42	49.95	29.45	14.18	22.76	4.20	27.42
5/4/2008	81	0.4368	43.24	15.47	40.87	1.55	63.78	30.71	11.57	33.07	6.19	29.94	4.34	45.89	25.39	13.67	22.68	4.15	27.27
5/5/2008	78	0.4206	41.63	15.47	38.78	1.55	60.78	31.14	11.14	29.64	6.19	26.39	4.26	41.84	21.34	13.16	22.60	4.10	27.13
5/6/2008	73	0.3935	38.96	15.47	35.29	1.55	55.78	31.86	10.43	23.92	6.19	20.49	4.13	35.08	14.58	12.32	22.47	4.02	26.88

Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFS/mi <sup>2</sup>	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
5/7/2008	82	0.4444	44.00	15.47	41.86	1.55	65.20	30.51	11.78	34.69	6.19	31.61	4.38	47.81	27.31	13.91	22.72	4.18	27.34
5/8/2008	51	0.2748	27.21	11.31	24.14	1.55	37.99	15.99	7.28	22.00	6.19	17.73	3.55	28.59	8.09	8.60	21.87	3.65	25.80
5/9/2008	66	0.3557	35.21	15.47	30.41	1.55	48.78	26.78	9.43	22.00	6.19	18.30	3.94	31.71	11.21	11.13	22.28	3.90	26.54
5/10/2008	65	0.3503	34.68	15.47	29.71	1.55	47.78	25.78	9.28	22.00	6.19	18.26	3.92	31.50	11.00	10.96	22.25	3.89	26.49
5/11/2008	102	0.5503	54.48	15.47	55.51	1.55	84.78	54.15	14.58	30.63	6.19	28.29	4.90	47.83	27.33	17.22	23.25	4.51	28.31
5/12/2008	126	0.6800	67.32	15.47	72.25	1.55	108.78	30.10	18.02	78.68	6.19	77.25	5.53	100.87	54.15	21.28	50.12	4.91	55.71
5/13/2008	144	0.7778	77.00	15.47	84.86	1.55	126.87	21.68	20.61	105.19	6.19	104.45	6.01	131.15	54.15	24.34	80.88	5.21	86.87
5/14/2008	89	0.4812	47.64	15.47	46.60	1.55	72.01	29.54	12.75	42.47	6.19	39.65	4.56	57.01	36.51	15.06	22.91	4.29	27.68
5/15/2008	82	0.4422	43.78	15.47	41.57	1.55	64.78	30.57	11.72	34.21	6.19	31.12	4.37	47.25	26.75	13.84	22.71	4.17	27.32
5/16/2008	103	0.5557	55.01	15.47	56.21	1.55	85.78	27.56	14.73	58.22	6.19	55.92	4.92	75.62	54.15	17.39	24.25	4.52	29.33
5/17/2008	131	0.7070	70.00	15.47	75.74	1.55	113.78	23.55	18.74	90.23	6.19	88.99	5.66	113.46	54.15	22.13	62.84	4.99	68.54
5/18/2008	128	0.6908	68.39	15.47	73.64	1.55	110.78	23.98	18.31	86.80	6.19	85.45	5.59	109.41	54.15	21.62	58.71	4.94	64.34
5/19/2008	97	0.5233	51.80	15.47	52.03	1.55	79.78	28.42	13.87	51.36	6.19	48.83	4.76	67.52	47.02	16.38	23.12	4.42	28.06
5/20/2008	82	0.4435	43.91	15.47	41.74	1.55	65.04	30.54	11.75	34.50	6.19	31.42	4.37	47.59	27.09	13.88	22.72	4.18	27.34
5/21/2008	97	0.5250	51.97	15.47	52.25	1.55	80.10	28.38	13.91	51.73	6.19	49.21	4.77	67.95	47.45	16.43	23.12	4.43	28.08
5/22/2008	99	0.5361	53.08	15.47	53.69	1.55	82.16	28.08	14.21	54.08	6.19	51.64	4.83	70.73	50.23	16.78	23.18	4.46	28.18
5/23/2008	95	0.5113	50.62	15.47	50.49	1.55	77.57	28.74	13.55	48.83	6.19	46.22	4.71	64.53	44.03	16.00	23.06	4.39	27.95
5/24/2008	124	0.6685	66.18	15.47	70.76	1.55	106.65	24.57	17.71	82.08	6.19	80.57	5.48	103.83	54.15	20.92	53.01	4.87	58.55
5/25/2008	83	0.4513	44.68	15.47	42.75	1.55	66.47	30.33	11.96	36.14	6.19	33.11	4.41	49.53	29.03	14.13	22.76	4.20	27.41
5/26/2008	91	0.4938	48.88	15.47	48.23	1.55	74.33	29.20	13.09	45.13	6.19	42.40	4.62	60.15	39.65	15.46	22.97	4.33	27.79
5/27/2008	79	0.4254	42.12	15.47	39.41	1.55	61.69	31.02	11.27	30.67	6.19	27.46	4.28	43.06	22.56	13.32	22.63	4.12	27.17
5/28/2008	53	0.2856	28.28	12.38	24.47	1.55	38.92	16.92	7.57	22.00	6.19	17.81	3.60	29.01	8.51	8.94	21.93	3.69	25.90
5/29/2008	57	0.3085	30.54	14.64	25.16	1.55	40.89	18.89	8.18	22.00	6.19	17.97	3.71	29.89	9.39	9.66	22.04	3.76	26.11
5/30/2008	53	0.2883	28.54	12.64	24.55	1.55	39.14	17.14	7.64	22.00	6.19	17.83	3.61	29.11	8.61	9.02	21.94	3.69	25.92
5/31/2008	56	0.3019	29.89	13.99	24.96	1.55	40.32	18.32	8.00	22.00	6.19	17.92	3.68	29.63	9.13	9.45	22.01	3.74	26.05
6/1/2008	56	0.3037	30.07	14.17	25.01	1.55	40.47	18.47	8.05	22.00	6.19	17.94	3.69	29.70	9.20	9.51	22.02	3.74	26.06
6/2/2008	52	0.2833	28.04	12.14	24.40	1.55	38.72	16.72	7.51	22.00	6.19	17.79	3.59	28.92	8.42	8.87	21.92	3.68	25.88
6/3/2008	46	0.2494	24.69	8.79	23.38	1.55	35.80	13.80	6.61	22.00	6.19	17.56	3.42	27.61	7.11	7.81	21.75	3.57	25.57
6/4/2008	43	0.2330	23.07	8.51	21.55	1.55	33.06	11.06	6.18	22.00	6.19	17.44	3.34	26.98	6.48	7.29	21.67	3.52	25.42
6/5/2008	40	0.2171	21.50	8.51	19.50	0.77	30.89	8.89	5.75	22.00	6.19	17.33	3.26	26.37	5.87	6.80	21.59	3.47	25.28
6/6/2008	37	0.1988	19.68	8.51	17.14	0.77	27.50	5.50	5.27	22.00	6.19	17.20	3.17	25.67	5.17	6.22	21.49	3.42	25.11
6/7/2008	35	0.1899	18.80	8.51	15.99	0.77	25.85	3.85	5.03	22.00	6.19	17.14	3.13	25.32	4.82	5.94	21.45	3.39	25.03
6/8/2008	36	0.1953	19.34	8.51	16.69	0.77	26.85	4.85	5.18	22.00	6.19	17.18	3.16	25.53	5.03	6.11	21.48	3.41	25.08
6/9/2008	32	0.1711	16.94	8.04	14.03	0.77	22.84	0.84	4.54	22.00	6.19	17.01	3.04	24.60	4.10	5.36	21.36	3.33	24.86
6/10/2008	30	0.1597	15.81	6.91	13.69	0.77	21.86	0.00	4.23	21.86	6.19	16.79	2.98	24.02	3.52	5.00	21.30	3.30	24.75
6/11/2008	26	0.1404	13.90	5.00	13.11	0.77	20.20	0.00	3.72	20.20	6.19	14.99	2.89	21.61	1.11	4.39	21.20	3.24	24.58
6/12/2008	34	0.1839	18.21	8.51	15.22	0.77	24.74	2.74	4.87	22.00	6.19	17.10	3.10	25.09	4.59	5.76	21.42	3.37	24.97
6/13/2008	40	0.2181	21.60	8.51	19.63	0.77	31.07	9.07	5.78	22.00	6.19	17.34	3.27	26.41	5.91	6.83	21.59	3.48	25.29
6/14/2008	41	0.2205	21.83	8.51	19.93	0.77	31.50	9.50	5.84	22.00	6.19	17.35	3.28	26.50	6.00	6.90	21.60	3.48	25.31
6/15/2008	37	0.2021	20.01	8.51	17.56	0.77	28.10	6.10	5.36	22.00	6.19	17.23	3.19	25.79	5.29	6.33	21.51	3.43	25.14
6/16/2008	35	0.1899	18.80	8.51	15.99	0.77	25.85	3.85	5.03	22.00	6.19	17.14	3.13	25.32	4.82	5.94	21.45	3.39	25.03
6/17/2008	43	0.2340	23.17	8.51	21.68	1.55	33.24	11.24	6.20	22.00	6.19	17.45	3.35	27.02	6.52	7.32	21.67	3.53	25.43
6/18/2008	35	0.1902	18.83	8.51	16.02	0.77	25.90	3.90	5.04	22.00	6.19	17.14	3.13	25.33	4.83	5.95	21.45	3.39	25.03

Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFSM (CFS/mi <sup>2</sup> )	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
6/19/2008	28	0.1523	15.08	6.18	13.47	0.77	21.23	0.00	4.04	21.23	6.19	16.10	2.95	23.10	2.60	4.77	21.26	3.27	24.69
6/20/2008	26	0.1415	14.01	5.11	13.15	0.77	20.30	0.00	3.75	20.30	6.19	15.10	2.89	21.76	1.26	4.43	21.21	3.24	24.59
6/21/2008	22	0.1194	11.82	4.64	10.76	0.77	16.67	0.00	3.16	16.67	6.19	11.31	2.78	17.27	0.00	3.74	17.87	3.17	21.16
6/22/2008	23	0.1238	12.25	4.64	11.32	0.77	17.48	0.00	3.28	17.48	6.19	12.16	2.81	18.26	0.00	3.87	18.88	3.18	22.18
6/23/2008	35	0.1867	18.48	8.51	15.58	0.77	25.26	3.26	4.95	22.00	6.19	17.12	3.11	25.20	4.70	5.84	21.43	3.38	25.00
6/24/2008	37	0.2010	19.90	8.51	17.42	0.77	27.90	5.90	5.33	22.00	6.19	17.22	3.18	25.75	5.25	6.29	21.50	3.42	25.13
6/25/2008	30	0.1631	16.15	7.25	13.79	0.77	22.16	0.16	4.32	22.00	6.19	16.95	3.00	24.29	3.79	5.11	21.32	3.31	24.78
6/26/2008	23	0.1243	12.31	4.64	11.40	0.77	17.59	0.00	3.29	17.59	6.19	12.27	2.81	18.38	0.00	3.89	19.00	3.19	22.31
6/27/2008	23	0.1231	12.19	4.64	11.24	0.77	17.36	0.00	3.26	17.36	6.19	12.03	2.80	18.11	0.00	3.85	18.72	3.18	22.03
6/28/2008	22	0.1196	11.84	4.64	10.79	0.77	16.72	0.00	3.17	16.72	6.19	11.37	2.79	17.33	0.00	3.74	17.93	3.17	21.22
6/29/2008	25	0.1359	13.45	4.64	12.88	0.77	19.72	0.00	3.60	19.72	6.19	14.48	2.87	20.96	0.46	4.25	21.18	3.22	24.54
6/30/2008	49	0.2644	26.17	10.27	23.83	1.55	37.09	15.09	7.01	22.00	6.19	17.66	3.50	28.19	7.69	8.27	21.82	3.62	25.71
7/1/2008	44	0.2397	23.73	8.51	22.41	1.55	34.28	12.28	6.35	22.00	6.19	17.49	3.37	27.24	6.74	7.50	21.70	3.54	25.48
7/2/2008	38	0.2072	20.52	8.51	18.22	0.77	29.05	7.05	5.49	22.00	6.19	17.26	3.22	25.99	5.49	6.49	21.54	3.44	25.19
7/3/2008	26	0.1424	14.09	5.19	13.17	0.77	20.37	0.00	3.77	20.37	6.19	15.18	2.90	21.86	1.36	4.46	21.21	3.24	24.60
7/4/2008	21	0.1143	11.31	4.64	10.10	0.77	15.72	0.00	3.03	15.72	6.19	10.33	2.76	16.13	0.00	3.58	16.70	3.15	19.97
7/5/2008	22	0.1173	11.61	4.64	10.48	0.77	16.28	0.00	3.11	16.28	6.19	10.91	2.77	16.80	0.00	3.67	17.39	3.16	20.67
7/6/2008	28	0.1500	14.85	5.95	13.40	0.77	21.02	0.00	3.97	21.02	6.19	15.88	2.93	22.81	2.31	4.69	21.25	3.26	24.66
7/7/2008	26	0.1389	13.75	4.85	13.07	0.77	20.07	0.00	3.68	20.07	6.19	14.86	2.88	21.43	0.93	4.35	21.19	3.23	24.56
7/8/2008	24	0.1316	13.02	4.64	12.33	0.77	18.92	0.00	3.49	18.92	6.19	13.65	2.84	20.00	0.00	4.12	20.66	3.21	23.99
7/9/2008	27	0.1480	14.66	5.76	13.34	0.77	20.86	0.00	3.92	20.86	6.19	15.70	2.93	22.57	2.07	4.63	21.24	3.26	24.65
7/10/2008	41	0.2239	22.16	8.51	20.37	0.77	32.13	10.13	5.93	22.00	6.19	17.38	3.30	26.63	6.13	7.01	21.62	3.49	25.34
7/11/2008	67	0.3637	36.00	15.47	31.44	1.55	50.26	28.26	9.64	22.00	6.19	18.36	3.98	32.01	11.51	11.38	22.32	3.93	26.61
7/12/2008	93	0.5007	49.57	15.47	49.12	1.55	75.61	53.61	13.27	22.00	6.19	19.32	4.65	37.29	16.79	15.67	23.00	4.35	27.86
7/13/2008	90	0.4846	47.97	15.47	47.04	1.55	72.63	50.63	12.84	22.00	6.19	19.20	4.57	36.67	16.17	15.17	22.92	4.30	27.71
7/14/2008	55	0.2950	29.20	13.30	24.75	1.55	39.72	17.72	7.82	22.00	6.19	17.88	3.65	29.37	8.87	9.23	21.97	3.71	25.98
7/15/2008	60	0.3261	32.29	15.47	26.60	1.55	43.32	21.32	8.64	22.00	6.19	18.09	3.80	30.57	10.07	10.21	22.13	3.81	26.27
7/16/2008	48	0.2613	25.87	9.97	23.74	1.55	36.82	14.82	6.92	22.00	6.19	17.64	3.48	28.07	7.57	8.18	21.81	3.61	25.68
7/17/2008	35	0.1910	18.91	8.51	16.13	0.77	26.05	4.05	5.06	22.00	6.19	17.15	3.14	25.37	4.87	5.98	21.46	3.39	25.04
7/18/2008	28	0.1532	15.16	6.26	13.50	0.77	21.30	0.00	4.06	21.30	6.19	16.18	2.95	23.21	2.71	4.79	21.27	3.27	24.69
7/19/2008	24	0.1316	13.02	4.64	12.33	0.77	18.92	0.00	3.49	18.92	6.19	13.65	2.84	20.00	0.00	4.12	20.66	3.21	23.99
7/20/2008	21	0.1122	11.11	4.64	9.83	0.77	15.34	0.00	2.97	15.34	6.19	9.93	2.75	15.67	0.00	3.51	16.23	3.15	19.49
7/21/2008	22	0.1193	11.81	4.64	10.75	0.77	16.65	0.00	3.16	16.65	6.19	11.30	2.78	17.26	0.00	3.73	17.85	3.17	21.14
7/22/2008	21	0.1132	11.20	4.64	9.95	0.77	15.52	0.00	3.00	15.52	6.19	10.12	2.75	15.89	0.00	3.54	16.45	3.15	19.72
7/23/2008	19	0.1043	10.32	4.64	8.81	0.77	13.87	0.00	2.76	13.87	6.19	8.41	2.71	13.90	0.00	3.26	14.42	3.12	17.65
7/24/2008	65	0.3506	34.71	15.47	29.75	1.55	47.84	25.84	9.29	22.00	6.19	18.27	3.92	31.51	11.01	10.97	22.25	3.89	26.49
7/25/2008	55	0.2947	29.18	13.28	24.74	1.55	39.70	17.70	7.81	22.00	6.19	17.87	3.64	29.36	8.86	9.22	21.97	3.71	25.98
7/26/2008	42	0.2286	22.63	8.51	20.98	1.02	32.76	10.76	6.06	22.00	6.19	17.41	3.32	26.81	6.31	7.15	21.64	3.51	25.38
7/27/2008	37	0.1990	19.70	8.51	17.17	0.77	27.54	5.54	5.27	22.00	6.19	17.20	3.18	25.67	5.17	6.23	21.50	3.42	25.11
7/28/2008	28	0.1532	15.16	6.26	13.50	0.77	21.30	0.00	4.06	21.30	6.19	16.18	2.95	23.21	2.71	4.79	21.27	3.27	24.69
7/29/2008	24	0.1274	12.61	4.64	11.80	0.77	18.16	0.00	3.38	18.16	6.19	12.86	2.82	19.07	0.00	3.99	19.71	3.20	23.03
7/30/2008	23	0.1240	12.27	4.64	11.35	0.77	17.52	0.00	3.29	17.52	6.19	12.20	2.81	18.30	0.00	3.88	18.92	3.18	22.23
7/31/2008	81	0.4378	43.34	15.47	41.01	1.55	63.98	41.98	11.60	22.00	6.19	18.88	4.35	34.87	14.37	13.70	22.69	4.16	27.28



Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFSM (CFS/mi <sup>2</sup> )	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
8/1/2008	59	0.3211	31.79	15.47	25.95	1.55	42.38	20.38	8.51	22.00	6.19	18.06	3.77	30.37	9.87	10.05	22.11	3.80	26.22
8/2/2008	44	0.2405	23.81	8.51	22.51	1.55	34.43	12.43	6.37	22.00	6.19	17.49	3.38	27.27	6.77	7.53	21.70	3.55	25.49
8/3/2008	38	0.2080	20.60	8.51	18.33	0.77	29.20	7.20	5.51	22.00	6.19	17.27	3.22	26.02	5.52	6.51	21.54	3.44	25.19
8/4/2008	27	0.1445	14.31	5.41	13.24	0.77	20.56	0.00	3.83	20.56	6.19	15.38	2.91	22.13	1.63	4.52	21.22	3.25	24.62
8/5/2008	24	0.1272	12.60	4.64	11.77	0.77	18.12	0.00	3.37	18.12	6.19	12.83	2.82	19.03	0.00	3.98	19.67	3.19	22.99
8/6/2008	23	0.1224	12.12	4.64	11.14	0.77	17.22	0.00	3.24	17.22	6.19	11.89	2.80	17.95	0.00	3.83	18.56	3.18	21.86
8/7/2008	19	0.1039	10.29	4.64	8.77	0.77	13.81	0.00	2.75	13.81	6.19	8.35	2.71	13.83	0.00	3.25	14.35	3.12	17.57
8/8/2008	18	0.0987	9.77	4.64	8.09	0.77	12.85	0.00	2.62	12.85	6.19	7.35	2.68	12.66	0.00	3.09	13.15	3.11	16.36
8/9/2008	17	0.0902	8.93	4.64	6.99	0.77	11.27	0.00	2.39	11.27	6.19	5.71	2.64	10.75	0.00	2.82	11.20	3.08	14.37
8/10/2008	17	0.0924	9.15	4.64	7.27	0.77	11.67	0.00	2.45	11.67	6.19	6.13	2.65	11.24	0.00	2.89	11.70	3.09	14.88
8/11/2008	18	0.0950	9.40	4.64	7.61	0.77	12.15	0.00	2.52	12.15	6.19	6.63	2.67	11.82	0.00	2.97	12.29	3.09	15.48
8/12/2008	15	0.0809	8.01	4.64	5.80	0.77	9.55	0.00	2.14	9.55	6.19	3.93	2.54	8.62	0.00	2.53	9.03	2.78	11.89
8/13/2008	13	0.0724	7.17	4.64	4.69	0.77	7.97	0.00	1.92	7.97	6.19	2.29	2.27	6.49	0.00	2.27	6.85	2.49	9.41
8/14/2008	15	0.0820	8.12	4.64	5.94	0.77	9.76	0.00	2.17	9.76	6.19	4.15	2.58	8.90	0.00	2.57	9.31	2.82	12.22
8/15/2008	15	0.0822	8.14	4.64	5.97	0.77	9.80	0.00	2.18	9.80	6.19	4.19	2.58	8.96	0.00	2.57	9.37	2.83	12.28
8/16/2008	16	0.0849	8.41	4.64	6.32	0.77	10.30	0.00	2.25	10.30	6.19	4.71	2.62	9.58	0.00	2.66	10.01	2.92	13.01
8/17/2008	16	0.0839	8.30	4.64	6.18	0.77	10.10	0.00	2.22	10.10	6.19	4.50	2.61	9.34	0.00	2.62	9.76	2.88	12.73
8/18/2008	15	0.0822	8.14	4.64	5.97	0.77	9.80	0.00	2.18	9.80	6.19	4.19	2.58	8.96	0.00	2.57	9.37	2.83	12.28
8/19/2008	15	0.0817	8.09	4.64	5.90	0.77	9.70	0.00	2.17	9.70	6.19	4.08	2.57	8.82	0.00	2.56	9.23	2.81	12.12
8/20/2008	15	0.0806	7.98	4.64	5.76	0.77	9.50	0.00	2.14	9.50	6.19	3.88	2.53	8.55	0.00	2.52	8.95	2.77	11.81
8/21/2008	15	0.0806	7.98	4.64	5.76	0.77	9.50	0.00	2.14	9.50	6.19	3.88	2.53	8.55	0.00	2.52	8.95	2.77	11.81
8/22/2008	13	0.0693	6.86	4.64	4.30	0.77	7.41	0.00	1.84	7.41	6.19	1.71	2.18	5.73	0.00	2.17	6.08	2.39	8.53
8/23/2008	12	0.0643	6.36	4.64	3.65	0.77	6.47	0.00	1.70	6.47	6.19	0.74	2.02	4.46	0.00	2.01	4.78	2.21	7.06
8/24/2008	13	0.0691	6.84	4.64	4.28	0.77	7.37	0.00	1.83	7.37	6.19	1.67	2.17	5.68	0.00	2.16	6.02	2.38	8.47
8/25/2008	14	0.0779	7.71	4.64	5.41	0.77	9.00	0.00	2.06	9.00	6.19	3.36	2.45	7.88	0.00	2.44	8.27	2.68	11.02
8/26/2008	25	0.1341	13.28	4.64	12.66	0.77	19.40	0.00	3.55	19.40	6.19	14.15	2.86	20.58	0.08	4.20	21.17	3.22	24.52
8/27/2008	99	0.5334	52.81	15.47	53.34	1.55	81.66	54.15	14.14	27.50	6.19	25.05	4.81	44.05	23.55	16.70	23.17	4.45	28.15
8/28/2008	183	0.9896	97.97	15.47	112.18	1.55	166.05	54.15	26.22	111.89	6.19	112.63	7.05	146.00	54.15	30.97	96.80	5.87	103.65
8/29/2008	240	1.2977	128.47	15.47	151.93	1.55	223.05	54.15	34.39	168.89	6.19	171.79	8.56	214.87	54.15	40.62	167.20	6.82	175.32
8/30/2008	106	0.5709	56.52	15.47	58.17	1.55	88.59	54.15	15.13	34.44	6.19	32.24	5.00	52.43	31.93	17.87	23.35	4.57	28.50
8/31/2008	55	0.2979	29.49	13.59	24.84	1.55	39.97	17.97	7.89	22.00	6.19	17.90	3.66	29.48	8.98	9.32	21.99	3.72	26.01
9/1/2008	50	0.2711	26.84	10.94	24.03	1.55	37.67	15.67	7.18	22.00	6.19	17.71	3.53	28.45	7.95	8.48	21.86	3.64	25.77
9/2/2008	44	0.2386	23.63	8.51	22.28	1.55	34.09	12.09	6.32	22.00	6.19	17.48	3.37	27.20	6.70	7.47	21.69	3.54	25.47
9/3/2008	37	0.2008	19.88	8.51	17.39	0.77	27.87	5.87	5.32	22.00	6.19	17.22	3.18	25.74	5.24	6.29	21.50	3.42	25.13
9/4/2008	32	0.1738	17.20	8.30	14.11	0.77	23.07	1.07	4.61	22.00	6.19	17.03	3.05	24.70	4.20	5.44	21.37	3.34	24.88
9/5/2008	26	0.1414	13.99	5.09	13.14	0.77	20.28	0.00	3.75	20.28	6.19	15.08	2.89	21.74	1.24	4.42	21.21	3.24	24.59
9/6/2008	23	0.1251	12.39	4.64	11.50	0.77	17.73	0.00	3.32	17.73	6.19	12.42	2.81	18.56	0.00	3.92	19.19	3.19	22.50
9/7/2008	21	0.1143	11.32	4.64	10.11	0.77	15.73	0.00	3.03	15.73	6.19	10.35	2.76	16.15	0.00	3.58	16.72	3.15	19.99
9/8/2008	19	0.1010	10.00	4.64	8.39	0.77	13.28	0.00	2.68	13.28	6.19	7.79	2.70	13.18	0.00	3.16	13.68	3.11	16.90
9/9/2008	19	0.1028	10.18	4.64	8.62	0.77	13.61	0.00	2.73	13.61	6.19	8.14	2.70	13.58	0.00	3.22	14.09	3.12	17.32
9/10/2008	20	0.1082	10.72	4.64	9.32	0.77	14.61	0.00	2.87	14.61	6.19	9.18	2.73	14.79	0.00	3.39	15.33	3.14	18.57
9/11/2008	24	0.1305	12.92	4.64	12.20	0.77	18.73	0.00	3.46	18.73	6.19	13.46	2.84	19.77	0.00	4.09	20.42	3.20	23.76
9/12/2008	25	0.1359	13.46	4.64	12.90	0.77	19.73	0.00	3.60	19.73	6.19	14.50	2.87	20.98	0.48	4.26	21.18	3.22	24.54

Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFSM (CFS/mi <sup>2</sup> )	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
9/13/2008	18	0.0974	9.65	4.64	7.93	0.77	12.61	0.00	2.58	12.61	6.19	7.10	2.68	12.37	0.00	3.05	12.86	3.10	16.06
9/14/2008	21	0.1143	11.32	4.64	10.11	0.77	15.73	0.00	3.03	15.73	6.19	10.35	2.76	16.15	0.00	3.58	16.72	3.15	19.99
9/15/2008	15	0.0807	7.99	4.64	5.77	0.77	9.51	0.00	2.14	9.51	6.19	3.88	2.53	8.56	0.00	2.53	8.97	2.78	11.82
9/16/2008	19	0.1003	9.93	4.64	8.29	0.77	13.13	0.00	2.66	13.13	6.19	7.65	2.69	13.01	0.00	3.14	13.51	3.11	16.72
9/17/2008	17	0.0932	9.23	4.64	7.39	0.77	11.83	0.00	2.47	11.83	6.19	6.30	2.66	11.44	0.00	2.92	11.90	3.09	15.08
9/18/2008	16	0.0889	8.80	4.64	6.83	0.77	11.03	0.00	2.36	11.03	6.19	5.47	2.64	10.47	0.00	2.78	10.91	3.06	14.06
9/19/2008	15	0.0824	8.16	4.64	5.99	0.77	9.83	0.00	2.18	9.83	6.19	4.22	2.59	9.00	0.00	2.58	9.42	2.84	12.33
9/20/2008	16	0.0841	8.32	4.64	6.20	0.77	10.13	0.00	2.23	10.13	6.19	4.53	2.61	9.38	0.00	2.63	9.80	2.89	12.78
9/21/2008	13	0.0711	7.04	4.64	4.53	0.77	7.73	0.00	1.88	7.73	6.19	2.04	2.23	6.17	0.00	2.22	6.52	2.45	9.04
9/22/2008	11	0.0596	5.90	4.64	3.05	0.77	5.61	0.00	1.58	5.61	5.61	0.42	1.87	3.87	0.00	1.87	4.17	2.05	6.28
9/23/2008	15	0.0786	7.79	4.64	5.50	0.77	9.13	0.00	2.08	9.13	6.19	3.50	2.47	8.06	0.00	2.46	8.45	2.71	11.24
9/24/2008	14	0.0776	7.68	4.64	5.36	0.77	8.93	0.00	2.06	8.93	6.19	3.29	2.44	7.79	0.00	2.43	8.18	2.67	10.92
9/25/2008	14	0.0759	7.52	4.64	5.16	0.77	8.63	0.00	2.01	8.63	6.19	2.98	2.38	7.38	0.00	2.38	7.76	2.61	10.45
9/26/2008	14	0.0743	7.36	4.64	4.95	0.77	8.33	0.00	1.97	8.33	6.19	2.67	2.33	6.98	0.00	2.33	7.35	2.56	9.98
9/27/2008	13	0.0689	6.82	4.64	4.25	0.77	7.33	0.00	1.83	7.33	6.19	1.63	2.16	5.63	0.00	2.16	5.97	2.37	8.41
9/28/2008	9	0.0509	5.04	4.64	1.93	0.77	4.01	0.00	1.35	4.01	4.01	0.36	1.60	3.31	0.00	1.59	3.57	1.75	5.37
9/29/2008	9	0.0504	4.99	4.64	1.86	0.77	3.91	0.00	1.34	3.91	3.91	0.35	1.58	3.28	0.00	1.58	3.53	1.73	5.31
9/30/2008	13	0.0711	7.04	4.64	4.53	0.77	7.73	0.00	1.88	7.73	6.19	2.04	2.23	6.17	0.00	2.22	6.52	2.45	9.04
10/1/2008	12	0.0655	6.49	4.64	3.81	0.77	6.70	0.00	1.74	6.70	6.19	0.97	2.06	4.77	0.00	2.05	5.10	2.25	7.42
10/2/2008	10	0.0528	5.23	4.64	2.17	0.77	4.36	0.00	1.40	4.36	4.36	0.37	1.66	3.43	0.00	1.65	3.70	1.82	5.57
10/3/2008	8	0.0431	4.27	4.27	1.29	0.77	2.93	0.00	1.14	2.93	2.93	0.30	1.35	2.80	0.00	1.35	3.02	1.48	4.54
10/4/2008	11	0.0589	5.83	4.64	2.96	0.77	5.49	0.00	1.56	5.49	5.49	0.41	1.85	3.83	0.00	1.84	4.12	2.03	6.21
10/5/2008	10	0.0551	5.45	4.64	2.46	0.77	4.77	0.00	1.46	4.77	4.77	0.39	1.73	3.58	0.00	1.72	3.86	1.89	5.81
10/6/2008	10	0.0523	5.18	4.64	2.11	0.77	4.26	0.00	1.39	4.26	4.26	0.37	1.64	3.40	0.00	1.64	3.66	1.80	5.51
10/7/2008	9	0.0474	4.70	4.64	1.48	0.77	3.36	0.00	1.26	3.36	3.36	0.33	1.49	3.08	0.00	1.48	3.32	1.63	5.00
10/8/2008	17	0.0896	8.87	4.64	6.92	0.77	11.16	0.00	2.37	11.16	6.19	5.60	2.64	10.62	0.00	2.80	11.07	3.08	14.24
10/9/2008	123	0.6665	65.98	15.47	70.50	1.55	106.27	54.15	17.66	52.12	6.19	50.60	5.47	73.79	53.29	20.86	23.83	4.87	29.36
10/10/2008	143	0.7745	76.67	15.47	84.44	1.55	126.26	54.15	20.52	72.11	6.19	71.34	6.00	97.93	54.15	24.24	47.65	5.20	53.63
10/11/2008	208	1.1262	111.49	15.47	129.81	1.55	191.32	54.15	29.84	137.17	6.19	138.86	7.72	176.54	54.15	35.25	128.02	6.29	135.43
10/12/2008	109	0.5912	58.53	15.47	60.79	1.55	92.35	54.15	15.67	38.19	6.19	36.14	5.10	56.96	36.46	18.50	23.46	4.63	28.68
10/13/2008	91	0.4909	48.60	15.47	47.85	1.55	73.79	51.79	13.01	22.00	6.19	19.25	4.61	36.91	16.41	15.36	22.95	4.32	27.77
10/14/2008	46	0.2466	24.42	8.52	23.30	1.55	35.56	13.56	6.54	22.00	6.19	17.54	3.41	27.51	7.01	7.72	21.73	3.56	25.54
10/15/2008	44	0.2358	23.35	8.51	21.91	1.55	33.57	11.57	6.25	22.00	6.19	17.46	3.36	27.09	6.59	7.38	21.68	3.53	25.45
10/16/2008	41	0.2196	21.74	8.51	19.82	0.77	31.34	9.34	5.82	22.00	6.19	17.35	3.28	26.47	5.97	6.87	21.60	3.48	25.30
10/17/2008	40	0.2172	21.51	8.51	19.51	0.77	30.90	8.90	5.76	22.00	6.19	17.33	3.26	26.37	5.87	6.80	21.59	3.47	25.28
10/18/2008	56	0.3014	29.84	13.94	24.94	1.55	40.28	18.28	7.99	22.00	6.19	17.92	3.68	29.62	9.12	9.44	22.01	3.73	26.04
10/19/2008	67	0.3637	36.01	15.47	31.45	1.55	50.27	28.27	9.64	22.00	6.19	18.36	3.98	32.01	11.51	11.38	22.32	3.93	26.61
10/20/2008	47	0.2530	25.04	9.14	23.49	1.55	36.11	14.11	6.70	22.00	6.19	17.58	3.44	27.75	7.25	7.92	21.76	3.58	25.60
10/21/2008	44	0.2388	23.64	8.51	22.29	1.55	34.11	12.11	6.33	22.00	6.19	17.48	3.37	27.20	6.70	7.47	21.69	3.54	25.47
10/22/2008	40	0.2171	21.50	8.51	19.50	0.77	30.89	8.89	5.75	22.00	6.19	17.33	3.26	26.37	5.87	6.80	21.59	3.47	25.28
10/23/2008	38	0.2063	20.43	8.51	18.11	0.77	28.89	6.89	5.47	22.00	6.19	17.26	3.21	25.95	5.45	6.46	21.53	3.44	25.18
10/24/2008	38	0.2063	20.43	8.51	18.11	0.77	28.89	6.89	5.47	22.00	6.19	17.26	3.21	25.95	5.45	6.46	21.53	3.44	25.18
10/25/2008	36	0.1923	19.04	8.51	16.30	0.77	26.29	4.29	5.10	22.00	6.19	17.16	3.14	25.41	4.91	6.02	21.46	3.40	25.05

Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFS/mi <sup>2</sup>	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
10/26/2008	44	0.2355	23.32	8.51	21.88	1.55	33.52	11.52	6.24	22.00	6.19	17.46	3.35	27.08	6.58	7.37	21.68	3.53	25.44
10/27/2008	54	0.2928	28.99	13.09	24.68	1.55	39.53	17.53	7.76	22.00	6.19	17.86	3.63	29.28	8.78	9.17	21.96	3.71	25.96
10/28/2008	42	0.2280	22.57	8.51	20.90	0.94	32.72	10.72	6.04	22.00	6.19	17.41	3.32	26.79	6.29	7.13	21.64	3.51	25.37
10/29/2008	34	0.1847	18.29	8.51	15.32	0.77	24.89	2.89	4.89	22.00	6.19	17.10	3.11	25.12	4.62	5.78	21.42	3.37	24.98
10/30/2008	33	0.1793	17.75	8.51	14.62	0.77	23.89	1.89	4.75	22.00	6.19	17.07	3.08	24.91	4.41	5.61	21.40	3.36	24.93
10/31/2008	33	0.1793	17.75	8.51	14.62	0.77	23.89	1.89	4.75	22.00	6.19	17.07	3.08	24.91	4.41	5.61	21.40	3.36	24.93
11/1/2008	27	0.1481	14.67	5.77	13.34	0.77	20.87	0.00	3.93	20.87	6.19	15.71	2.93	22.58	2.08	4.64	21.24	3.26	24.65
11/2/2008	26	0.1427	14.13	5.23	13.18	0.77	20.40	0.00	3.78	20.40	6.19	15.21	2.90	21.91	1.41	4.47	21.21	3.24	24.60
11/3/2008	26	0.1427	14.13	5.23	13.18	0.77	20.40	0.00	3.78	20.40	6.19	15.21	2.90	21.91	1.41	4.47	21.21	3.24	24.60
11/4/2008	28	0.1535	15.20	6.30	13.51	0.77	21.33	0.00	4.07	21.33	6.19	16.22	2.95	23.25	2.75	4.81	21.27	3.28	24.70
11/5/2008	30	0.1644	16.27	7.37	13.83	0.77	22.26	0.26	4.36	22.00	6.19	16.96	3.01	24.34	3.84	5.14	21.32	3.31	24.80
11/6/2008	28	0.1535	15.20	6.30	13.51	0.77	21.33	0.00	4.07	21.33	6.19	16.22	2.95	23.25	2.75	4.81	21.27	3.28	24.70
11/7/2008	30	0.1644	16.27	7.37	13.83	0.77	22.26	0.26	4.36	22.00	6.19	16.96	3.01	24.34	3.84	5.14	21.32	3.31	24.80
11/8/2008	31	0.1698	16.81	7.91	13.99	0.77	22.73	0.73	4.50	22.00	6.19	17.00	3.03	24.55	4.05	5.31	21.35	3.33	24.84
11/9/2008	34	0.1860	18.41	8.51	15.48	0.77	25.12	3.12	4.93	22.00	6.19	17.11	3.11	25.17	4.67	5.82	21.43	3.38	24.99
11/10/2008	44	0.2400	23.76	8.51	22.45	1.55	34.35	12.35	6.36	22.00	6.19	17.49	3.38	27.25	6.75	7.51	21.70	3.54	25.48
11/11/2008	41	0.2238	22.16	8.51	20.36	0.77	32.12	10.12	5.93	22.00	6.19	17.38	3.30	26.63	6.13	7.01	21.62	3.49	25.34
11/12/2008	38	0.2076	20.55	8.51	18.27	0.77	29.12	7.12	5.50	22.00	6.19	17.26	3.22	26.00	5.50	6.50	21.54	3.44	25.19
11/13/2008	38	0.2076	20.55	8.51	18.27	0.77	29.12	7.12	5.50	22.00	6.19	17.26	3.22	26.00	5.50	6.50	21.54	3.44	25.19
11/14/2008	43	0.2346	23.23	8.51	21.76	1.55	33.35	11.35	6.22	22.00	6.19	17.45	3.35	27.04	6.54	7.34	21.67	3.53	25.44
11/15/2008	64	0.3451	34.17	15.47	29.05	1.55	46.82	24.82	9.15	22.00	6.19	18.23	3.89	31.30	10.80	10.80	22.23	3.87	26.44
11/16/2008	59	0.3178	31.46	15.47	25.52	1.55	41.77	19.77	8.42	22.00	6.19	18.04	3.76	30.25	9.75	9.95	22.09	3.79	26.19
11/17/2008	60	0.3248	32.16	15.47	26.43	1.55	43.07	21.07	8.61	22.00	6.19	18.08	3.79	30.52	10.02	10.17	22.12	3.81	26.26
11/18/2008	44	0.2400	23.76	8.51	22.45	1.55	34.35	12.35	6.36	22.00	6.19	17.49	3.38	27.25	6.75	7.51	21.70	3.54	25.48
11/19/2008	44	0.2400	23.76	8.51	22.45	1.55	34.35	12.35	6.36	22.00	6.19	17.49	3.38	27.25	6.75	7.51	21.70	3.54	25.48
11/20/2008	41	0.2238	22.16	8.51	20.36	0.77	32.12	10.12	5.93	22.00	6.19	17.38	3.30	26.63	6.13	7.01	21.62	3.49	25.34
11/21/2008	40	0.2184	21.62	8.51	19.66	0.77	31.12	9.12	5.79	22.00	6.19	17.34	3.27	26.42	5.92	6.84	21.59	3.48	25.29
11/22/2008	41	0.2238	22.16	8.51	20.36	0.77	32.12	10.12	5.93	22.00	6.19	17.38	3.30	26.63	6.13	7.01	21.62	3.49	25.34
11/23/2008	42	0.2292	22.69	8.51	21.06	1.10	32.80	10.80	6.07	22.00	6.19	17.42	3.32	26.84	6.34	7.17	21.65	3.51	25.39
11/24/2008	43	0.2346	23.23	8.51	21.76	1.55	33.35	11.35	6.22	22.00	6.19	17.45	3.35	27.04	6.54	7.34	21.67	3.53	25.44
11/25/2008	47	0.2562	25.37	9.47	23.59	1.55	36.39	14.39	6.79	22.00	6.19	17.60	3.46	27.88	7.38	8.02	21.78	3.59	25.63
11/26/2008	46	0.2508	24.83	8.93	23.43	1.55	35.93	13.93	6.65	22.00	6.19	17.57	3.43	27.67	7.17	7.85	21.75	3.58	25.58
11/27/2008	49	0.2671	26.44	10.54	23.91	1.55	37.32	15.32	7.08	22.00	6.19	17.68	3.51	28.29	7.79	8.36	21.84	3.63	25.73
11/28/2008	49	0.2671	26.44	10.54	23.91	1.55	37.32	15.32	7.08	22.00	6.19	17.68	3.51	28.29	7.79	8.36	21.84	3.63	25.73
11/29/2008	69	0.3735	36.98	15.47	32.71	1.55	52.08	30.08	9.90	22.00	6.19	18.43	4.03	32.39	11.89	11.69	22.37	3.96	26.70
11/30/2008	134	0.7226	71.54	15.47	77.75	1.55	116.67	54.15	19.15	62.51	6.19	61.38	5.74	86.35	54.15	22.62	35.81	5.04	41.57
12/1/2008	160	0.8647	85.61	15.47	96.08	1.55	142.95	54.15	22.92	88.80	6.19	88.66	6.44	118.10	54.15	27.07	68.27	5.48	74.62
12/2/2008	162	0.8774	86.86	15.47	97.71	1.55	145.29	54.15	23.25	91.14	6.19	91.09	6.50	120.93	54.15	27.46	71.16	5.52	77.56
12/3/2008	115	0.6240	61.78	15.47	65.03	1.55	98.43	54.15	16.54	44.27	6.19	42.45	5.26	64.31	43.81	19.53	23.62	4.73	28.98
12/4/2008	86	0.4673	46.26	15.47	44.81	1.55	69.43	47.43	12.38	22.00	6.19	19.08	4.49	36.00	15.50	14.63	22.84	4.25	27.55
12/5/2008	74	0.3976	39.36	15.47	35.82	1.55	56.54	34.54	10.54	22.00	6.19	18.59	4.15	33.32	12.82	12.44	22.49	4.03	26.92
12/6/2008	91	0.4897	48.48	15.47	47.70	1.55	73.58	51.58	12.98	22.00	6.19	19.24	4.60	36.86	16.36	15.33	22.95	4.32	27.76
12/7/2008	53	0.2875	28.46	12.56	24.53	1.55	39.08	17.08	7.62	22.00	6.19	17.82	3.61	29.08	8.58	9.00	21.94	3.69	25.92

Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFSM (CFS/mi <sup>2</sup> )	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
12/8/2008	64	0.3477	34.43	15.47	29.38	1.55	47.31	25.31	9.21	22.00	6.19	18.25	3.90	31.40	10.90	10.88	22.24	3.88	26.46
12/9/2008	52	0.2805	27.77	11.87	24.31	1.55	38.47	16.47	7.43	22.00	6.19	17.77	3.57	28.81	8.31	8.78	21.90	3.67	25.85
12/10/2008	80	0.4298	42.55	15.47	39.97	1.55	62.49	40.49	11.39	22.00	6.19	18.82	4.31	34.56	14.06	13.45	22.65	4.13	27.21
12/11/2008	173	0.9329	92.36	15.47	104.88	1.55	155.57	54.15	24.72	101.42	6.19	101.76	6.77	133.35	54.15	29.20	83.86	5.69	90.48
12/12/2008	353	1.9073	188.82	15.47	230.57	1.55	335.83	54.15	50.54	281.67	6.19	288.84	11.55	351.12	54.15	59.70	306.50	8.71	317.12
12/13/2008	612	3.3057	327.27	15.47	410.97	1.55	594.54	54.15	87.60	540.39	6.19	557.34	18.40	663.67	54.15	103.47	626.04	13.05	642.40
12/14/2008	578	3.1229	309.16	15.47	387.38	1.55	560.71	54.15	82.76	506.56	6.19	522.23	17.50	622.80	54.15	97.75	584.26	12.48	599.86
12/15/2008	278	1.5030	148.80	15.47	178.42	1.55	261.04	54.15	39.83	206.89	6.19	211.22	9.56	260.77	54.15	47.05	214.13	7.46	223.09
12/16/2008	186	1.0073	99.72	15.47	114.47	1.55	169.33	54.15	26.69	115.18	6.19	116.04	7.14	149.97	54.15	31.53	100.86	5.92	107.79
12/17/2008	141	0.7624	75.47	15.47	82.87	1.55	124.02	54.15	20.20	69.86	6.19	69.01	5.94	95.22	54.15	23.86	44.88	5.16	50.81
12/18/2008	131	0.7058	69.87	15.47	75.57	1.55	113.55	54.15	18.70	59.39	6.19	58.14	5.66	82.58	54.15	22.09	31.95	4.99	37.64
12/19/2008	120	0.6463	63.98	15.47	67.90	1.55	102.55	54.15	17.13	48.39	6.19	46.73	5.37	69.29	48.79	20.23	23.73	4.80	29.18
12/20/2008	104	0.5612	55.55	15.47	56.92	1.55	86.80	54.15	14.87	32.64	6.19	30.38	4.95	50.26	29.76	17.56	23.31	4.54	28.41
12/21/2008	113	0.6121	60.60	15.47	63.49	1.55	96.22	54.15	16.22	42.06	6.19	40.16	5.20	61.64	41.14	19.16	23.56	4.70	28.87
12/22/2008	115	0.6229	61.67	15.47	64.88	1.55	98.22	54.15	16.51	44.06	6.19	42.24	5.25	64.06	43.56	19.50	23.61	4.73	28.97
12/23/2008	117	0.6337	62.73	15.47	66.27	1.55	100.21	54.15	16.79	46.05	6.19	44.30	5.31	66.46	45.96	19.83	23.67	4.76	29.07
12/24/2008	96	0.5198	51.46	15.47	51.58	1.55	79.14	54.15	13.77	24.99	6.19	22.44	4.75	41.01	20.51	16.27	23.10	4.41	28.03
12/25/2008	116	0.6275	62.12	15.47	65.48	1.55	99.07	54.15	16.63	44.91	6.19	43.12	5.27	65.08	44.58	19.64	23.64	4.75	29.01
12/26/2008	152	0.8215	81.33	15.47	90.50	1.55	134.95	54.15	21.77	80.80	6.19	80.36	6.23	108.44	54.15	25.71	58.39	5.35	64.56
12/27/2008	180	0.9724	96.27	15.47	109.97	1.55	162.87	54.15	25.77	108.72	6.19	109.34	6.96	142.17	54.15	30.44	92.87	5.81	99.66
12/28/2008	151	0.8156	80.75	15.47	89.74	1.55	133.87	54.15	21.61	79.72	6.19	79.24	6.20	107.13	54.15	25.53	57.05	5.33	63.20
12/29/2008	135	0.7285	72.12	15.47	78.50	1.55	117.75	54.15	19.30	63.59	6.19	62.50	5.77	87.65	54.15	22.80	37.14	5.06	42.93
12/30/2008	122	0.6579	65.13	15.47	69.40	1.55	104.69	54.15	17.43	50.54	6.19	48.95	5.42	71.88	51.38	20.59	23.79	4.84	29.29
12/31/2008	114	0.6159	60.98	15.47	63.98	1.55	96.93	54.15	16.32	42.77	6.19	40.90	5.22	62.50	42.00	19.28	23.58	4.71	28.91
1/1/2009	105	0.5681	56.25	15.47	57.82	1.55	88.09	54.15	15.06	33.93	6.19	31.72	4.98	51.82	31.32	17.78	23.34	4.56	28.47
1/2/2009	99	0.5357	53.04	15.47	53.63	1.55	82.09	54.15	14.20	27.93	6.19	25.49	4.83	44.57	24.07	16.77	23.18	4.46	28.18
1/3/2009	89	0.4823	47.74	15.47	46.74	1.55	72.20	50.20	12.78	22.00	6.19	19.19	4.56	36.58	16.08	15.09	22.91	4.30	27.69
1/4/2009	96	0.5170	51.19	15.47	51.23	1.55	78.63	54.15	13.70	24.48	6.19	21.91	4.73	40.40	19.90	16.18	23.09	4.40	28.01
1/5/2009	97	0.5221	51.69	15.47	51.88	1.55	79.57	54.15	13.84	25.41	6.19	22.88	4.76	41.52	21.02	16.34	23.11	4.42	28.05
1/6/2009	144	0.7771	76.93	15.47	84.77	1.55	126.74	54.15	20.59	72.58	6.19	71.83	6.01	98.51	54.15	24.32	48.24	5.21	54.23
1/7/2009	283	1.5295	151.42	15.47	181.83	1.55	265.93	54.15	40.53	211.78	6.19	216.30	9.69	266.68	54.15	47.87	220.17	7.54	229.24
1/8/2009	516	2.7889	276.10	15.47	344.30	1.55	498.93	54.15	73.91	444.78	6.19	458.11	15.87	548.16	54.15	87.29	507.95	11.45	522.19
1/9/2009	579	3.1271	309.58	15.47	387.93	1.55	561.50	54.15	82.87	507.34	6.19	523.04	17.52	623.75	54.15	97.88	585.23	12.49	600.85
1/10/2009	431	2.3284	230.51	15.47	284.89	1.55	413.74	54.15	61.70	359.58	6.19	369.69	13.61	445.24	54.15	72.88	402.72	10.02	415.07
1/11/2009	266	1.4365	142.22	15.47	169.84	1.55	248.74	54.15	38.07	194.58	6.19	198.45	9.24	245.90	54.15	44.96	198.93	7.25	207.62
1/12/2009	227	1.2257	121.34	15.47	142.64	1.55	209.74	54.15	32.48	155.58	6.19	157.97	8.21	198.78	54.15	38.36	150.76	6.60	158.58
1/13/2009	246	1.3305	131.72	15.47	156.16	1.55	229.12	54.15	35.26	174.96	6.19	178.09	8.72	222.20	54.15	41.64	174.70	6.92	182.95
1/14/2009	179	0.9684	95.87	15.47	109.45	1.55	162.14	54.15	25.66	107.98	6.19	108.57	6.95	141.28	54.15	30.31	91.97	5.80	98.74
1/15/2009	157	0.8471	83.86	15.47	93.80	1.55	139.69	54.15	22.45	85.54	6.19	85.28	6.35	114.16	54.15	26.51	64.24	5.43	70.52
1/16/2009	138	0.7453	73.79	15.47	80.68	1.55	120.87	54.15	19.75	66.71	6.19	65.74	5.85	91.42	54.15	23.33	40.99	5.11	46.85
1/17/2009	124	0.6706	66.39	15.47	71.04	1.55	107.04	54.15	17.77	52.89	6.19	51.39	5.49	74.72	54.15	20.99	23.92	4.88	29.47
1/18/2009	115	0.6211	61.49	15.47	64.65	1.55	97.89	54.15	16.46	43.73	6.19	41.89	5.24	63.66	43.16	19.44	23.61	4.73	28.95
1/19/2009	118	0.6373	63.10	15.47	66.74	1.55	100.89	54.15	16.89	46.73	6.19	45.00	5.32	67.28	46.78	19.95	23.69	4.78	29.10

Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFS/mi <sup>2</sup>	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
1/20/2009	98	0.5306	52.53	15.47	52.98	1.55	81.15	54.15	14.06	27.00	6.19	24.52	4.80	43.44	22.94	16.61	23.15	4.45	28.13
1/21/2009	113	0.6102	60.41	15.47	63.24	1.55	95.86	54.15	16.17	41.71	6.19	39.79	5.19	61.21	40.71	19.10	23.55	4.69	28.85
1/22/2009	106	0.5726	56.69	15.47	58.39	1.55	88.91	54.15	15.17	34.76	6.19	32.58	5.01	52.81	32.31	17.92	23.36	4.58	28.51
1/23/2009	103	0.5554	54.99	15.47	56.18	1.55	85.74	54.15	14.72	31.58	6.19	29.28	4.92	48.98	28.48	17.39	23.28	4.52	28.35
1/24/2009	105	0.5662	56.06	15.47	57.57	1.55	87.74	54.15	15.01	33.58	6.19	31.36	4.97	51.39	30.89	17.72	23.33	4.56	28.45
1/25/2009	106	0.5717	56.59	15.47	58.27	1.55	88.74	54.15	15.15	34.58	6.19	32.39	5.00	52.60	32.10	17.89	23.36	4.57	28.50
1/26/2009	103	0.5554	54.99	15.47	56.18	1.55	85.74	54.15	14.72	31.58	6.19	29.28	4.92	48.98	28.48	17.39	23.28	4.52	28.35
1/27/2009	100	0.5392	53.38	15.47	54.09	1.55	82.74	54.15	14.29	28.58	6.19	26.17	4.84	45.35	24.85	16.88	23.20	4.47	28.21
1/28/2009	100	0.5392	53.38	15.47	54.09	1.55	82.74	54.15	14.29	28.58	6.19	26.17	4.84	45.35	24.85	16.88	23.20	4.47	28.21
1/29/2009	105	0.5662	56.06	15.47	57.57	1.55	87.74	54.15	15.01	33.58	6.19	31.36	4.97	51.39	30.89	17.72	23.33	4.56	28.45
1/30/2009	105	0.5662	56.06	15.47	57.57	1.55	87.74	54.15	15.01	33.58	6.19	31.36	4.97	51.39	30.89	17.72	23.33	4.56	28.45
1/31/2009	100	0.5392	53.38	15.47	54.09	1.55	82.74	54.15	14.29	28.58	6.19	26.17	4.84	45.35	24.85	16.88	23.20	4.47	28.21
2/1/2009	92	0.4970	49.20	15.47	48.64	1.55	74.92	52.92	13.17	22.00	6.19	19.29	4.64	37.14	16.64	15.56	22.98	4.34	27.82
2/2/2009	90	0.4862	48.13	15.47	47.24	1.55	72.92	50.92	12.88	22.00	6.19	19.21	4.58	36.73	16.23	15.22	22.93	4.31	27.72
2/3/2009	94	0.5078	50.27	15.47	50.03	1.55	76.92	54.15	13.46	22.77	6.19	20.13	4.69	38.33	17.83	15.89	23.04	4.37	27.92
2/4/2009	91	0.4916	48.67	15.47	47.94	1.55	73.92	51.92	13.03	22.00	6.19	19.25	4.61	36.94	16.44	15.39	22.96	4.32	27.77
2/5/2009	88	0.4749	47.02	15.47	45.80	1.55	70.85	48.85	12.59	22.00	6.19	19.14	4.53	36.30	15.80	14.87	22.87	4.27	27.62
2/6/2009	81	0.4375	43.31	15.47	40.97	1.55	63.92	41.92	11.59	22.00	6.19	18.87	4.34	34.86	14.36	13.69	22.69	4.16	27.28
2/7/2009	80	0.4321	42.78	15.47	40.27	1.55	62.92	40.92	11.45	22.00	6.19	18.84	4.32	34.65	14.15	13.53	22.66	4.14	27.23
2/8/2009	81	0.4375	43.31	15.47	40.97	1.55	63.92	41.92	11.59	22.00	6.19	18.87	4.34	34.86	14.36	13.69	22.69	4.16	27.28
2/9/2009	72	0.3889	38.50	15.47	34.69	1.55	54.92	32.92	10.31	22.00	6.19	18.53	4.11	32.98	12.48	12.17	22.44	4.01	26.84
2/10/2009	91	0.4938	48.88	15.47	48.23	1.55	74.33	52.33	13.09	22.00	6.19	19.27	4.62	37.02	16.52	15.46	22.97	4.33	27.79
2/11/2009	88	0.4769	47.21	15.47	46.04	1.55	71.20	49.20	12.64	22.00	6.19	19.15	4.54	36.37	15.87	14.93	22.88	4.28	27.64
2/12/2009	84	0.4524	44.79	15.47	42.89	1.55	66.68	44.68	11.99	22.00	6.19	18.98	4.42	35.43	14.93	14.16	22.76	4.20	27.42
2/13/2009	83	0.4460	44.15	15.47	42.06	1.55	65.49	43.49	11.82	22.00	6.19	18.93	4.39	35.18	14.68	13.96	22.73	4.18	27.36
2/14/2009	86	0.4656	46.09	15.47	44.59	1.55	69.11	47.11	12.34	22.00	6.19	19.07	4.48	35.94	15.44	14.57	22.83	4.24	27.54
2/15/2009	75	0.4037	39.97	15.47	36.61	1.55	57.67	35.67	10.70	22.00	6.19	18.64	4.18	33.55	13.05	12.64	22.52	4.05	26.97
2/16/2009	81	0.4377	43.33	15.47	40.99	1.55	63.96	41.96	11.60	22.00	6.19	18.88	4.34	34.86	14.36	13.70	22.69	4.16	27.28
2/17/2009	79	0.4296	42.53	15.47	39.94	1.55	62.45	40.45	11.38	22.00	6.19	18.82	4.30	34.55	14.05	13.45	22.65	4.13	27.21
2/18/2009	94	0.5089	50.38	15.47	50.18	1.55	77.13	54.15	13.49	22.97	6.19	20.35	4.69	38.58	18.08	15.93	23.04	4.38	27.93
2/19/2009	168	0.9088	89.97	15.47	101.76	1.55	151.10	54.15	24.08	96.95	6.19	97.12	6.65	127.95	54.15	28.44	78.34	5.62	84.86
2/20/2009	243	1.3109	129.78	15.47	153.64	1.55	225.51	54.15	34.74	171.35	6.19	174.34	8.62	217.83	54.15	41.03	170.23	6.86	178.41
2/21/2009	203	1.0947	108.38	15.47	125.75	1.55	185.51	54.15	29.01	131.35	6.19	132.83	7.56	169.51	54.15	34.27	120.83	6.19	128.12
2/22/2009	142	0.7690	76.13	15.47	83.73	1.55	125.25	54.15	20.38	71.09	6.19	70.29	5.97	96.71	54.15	24.07	46.40	5.18	52.35
2/23/2009	116	0.6295	62.32	15.47	65.74	1.55	99.44	54.15	16.68	45.29	6.19	43.50	5.28	65.53	45.03	19.70	23.65	4.75	29.03
2/24/2009	106	0.5755	56.97	15.47	58.76	1.55	89.44	54.15	15.25	35.29	6.19	33.13	5.02	53.45	32.95	18.01	23.38	4.58	28.54
2/25/2009	105	0.5703	56.46	15.47	58.09	1.55	88.48	54.15	15.11	34.32	6.19	32.13	4.99	52.29	31.79	17.85	23.35	4.57	28.49
2/26/2009	83	0.4470	44.25	15.47	42.19	1.55	65.67	43.67	11.85	22.00	6.19	18.94	4.39	35.22	14.72	13.99	22.73	4.19	27.37
2/27/2009	91	0.4892	48.43	15.47	47.64	1.55	73.49	51.49	12.96	22.00	6.19	19.24	4.60	36.85	16.35	15.31	22.95	4.32	27.75
2/28/2009	389	2.1024	208.14	15.47	255.74	1.55	371.92	54.15	55.71	317.77	6.19	326.30	12.50	394.72	54.15	65.80	351.08	9.32	362.50
3/1/2009	1006	5.4353	538.09	15.47	685.68	1.55	988.51	54.15	144.04	934.36	6.19	966.21	28.83	1139.63	54.15	170.12	1112.65	19.65	1137.73
3/2/2009	1627	8.7921	870.41	15.47	1118.70	1.55	1609.51	54.15	232.99	1555.36	6.19	1610.71	45.28	1889.86	54.15	275.19	1879.67	30.06	1918.51
3/3/2009	1607	8.6839	859.71	15.47	1104.76	1.55	1589.51	54.15	230.12	1535.36	6.19	1589.95	44.75	1865.70	54.15	271.81	1854.96	29.72	1893.37



Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFSM (CFS/mi <sup>2</sup> )	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
3/4/2009	1267	6.8461	677.76	15.47	867.68	1.55	1249.51	54.15	181.42	1195.36	6.19	1237.09	35.75	1454.94	54.15	214.28	1435.02	24.02	1465.89
3/5/2009	739	3.9921	395.21	15.47	499.50	1.55	721.51	54.15	105.79	667.36	6.19	689.11	21.76	817.06	54.15	124.95	782.87	15.18	802.03
3/6/2009	493	2.6623	263.57	15.47	327.97	1.55	475.51	54.15	70.55	421.36	6.19	433.80	15.25	519.87	54.15	83.33	479.02	11.05	492.74
3/7/2009	360	1.9434	192.40	15.47	235.23	1.55	342.51	54.15	51.50	288.36	6.19	295.77	11.72	359.19	54.15	60.83	314.75	8.82	325.52
3/8/2009	281	1.5164	150.12	15.47	180.14	1.55	263.51	54.15	40.18	209.36	6.19	213.78	9.63	263.75	54.15	47.46	217.17	7.50	226.19
3/9/2009	238	1.2839	127.11	15.47	150.16	1.55	220.51	54.15	34.02	166.36	6.19	169.15	8.49	211.80	54.15	40.19	164.06	6.78	172.13
3/10/2009	212	1.1434	113.20	15.47	132.03	1.55	194.51	54.15	30.30	140.36	6.19	142.17	7.80	180.39	54.15	35.79	131.95	6.34	139.44
3/11/2009	191	1.0299	101.96	15.47	117.38	1.55	173.51	54.15	27.29	119.36	6.19	120.38	7.25	155.02	54.15	32.24	106.01	5.99	113.03
3/12/2009	175	0.9434	93.40	15.47	106.23	1.55	157.51	54.15	25.00	103.36	6.19	103.77	6.82	135.69	54.15	29.53	86.25	5.72	92.92
3/13/2009	160	0.8623	85.37	15.47	95.77	1.55	142.51	54.15	22.85	88.36	6.19	88.20	6.43	117.57	54.15	26.99	67.72	5.47	74.06
3/14/2009	154	0.8299	82.16	15.47	91.58	1.55	136.51	54.15	21.99	82.36	6.19	81.98	6.27	110.32	54.15	25.98	60.31	5.37	66.51
3/15/2009	298	1.6083	159.22	15.47	191.99	1.55	280.51	54.15	42.62	226.36	6.19	231.42	10.08	284.28	54.15	50.34	238.17	7.79	247.57
3/16/2009	586	3.1650	313.34	15.47	392.82	1.55	568.51	1.93	83.87	566.58	6.19	582.55	17.71	684.44	54.15	99.07	646.11	12.61	661.89
3/17/2009	687	3.7110	367.39	15.47	463.24	1.55	669.51	0.00	98.34	669.51	6.19	689.30	80.94	868.95	54.15	116.15	833.35	14.30	851.37
3/18/2009	605	3.2677	323.50	15.47	406.06	1.55	587.51	0.00	86.59	587.51	6.19	604.20	67.03	758.14	54.15	102.28	720.33	12.93	736.52
3/19/2009	462	2.4948	246.98	15.47	306.35	1.55	444.51	0.00	66.11	444.51	6.19	455.78	42.75	564.90	54.15	78.09	523.22	10.53	536.25
3/20/2009	342	1.8461	182.76	15.47	222.68	1.55	324.51	0.00	48.92	324.51	6.19	331.24	22.39	402.74	54.15	57.78	357.81	8.52	368.18
3/21/2009	266	1.4353	142.09	15.47	169.68	1.55	248.51	0.00	38.04	248.51	6.19	252.37	9.49	300.03	54.15	44.92	253.06	7.25	261.74
3/22/2009	227	1.2245	121.22	15.47	142.49	1.55	209.51	5.33	32.45	204.18	6.19	206.56	8.20	247.33	54.15	38.33	199.30	6.60	207.12
3/23/2009	207	1.1164	110.52	15.47	128.54	1.55	189.51	8.20	29.58	181.31	6.19	182.94	7.67	220.30	54.15	34.94	171.73	6.26	179.11
3/24/2009	192	1.0353	102.49	15.47	118.08	1.55	174.51	10.35	27.44	164.16	6.19	165.22	7.27	200.03	54.15	32.40	151.06	6.01	158.10
3/25/2009	182	0.9812	97.14	15.47	111.11	1.55	164.51	11.78	26.00	152.73	6.19	153.41	7.01	186.52	54.15	30.71	137.27	5.84	144.10
3/26/2009	194	1.0461	103.56	15.47	119.48	1.55	176.51	10.06	27.72	166.45	6.19	167.58	7.33	202.74	54.15	32.74	153.81	6.04	160.90
3/27/2009	333	1.7975	177.95	15.47	216.40	1.55	315.51	0.00	47.63	315.51	6.19	321.90	20.86	390.57	54.15	56.26	345.41	8.37	355.58
3/28/2009	1087	5.8731	581.44	15.47	742.16	1.55	1069.51	0.00	155.64	1069.51	6.19	1104.43	148.84	1409.49	54.15	183.83	1384.70	21.01	1411.58
3/29/2009	2407	13.0083	1287.82	15.47	1662.59	1.55	2389.51	0.00	344.72	2389.51	6.19	2474.38	372.88	3193.28	54.15	407.16	3204.16	43.13	3260.30
3/30/2009	1957	10.5758	1047.01	15.47	1348.81	1.55	1939.51	0.00	280.26	1939.51	6.19	2007.35	296.50	2585.17	54.15	331.02	2583.89	35.59	2630.06
3/31/2009	1137	6.1434	608.20	15.47	777.03	1.55	1119.51	0.00	162.80	1119.51	6.19	1156.32	157.32	1477.06	54.15	192.29	1453.62	21.84	1481.61
4/1/2009	681	3.6819	364.51	15.47	459.50	1.55	664.14	0.00	97.57	664.14	6.19	683.72	74.92	856.58	54.15	115.24	820.84	14.21	838.73
4/2/2009	798	4.3144	427.12	15.47	541.08	1.55	781.14	0.00	114.33	781.14	6.19	805.15	94.78	1014.69	54.15	135.04	982.11	16.17	1002.60
4/3/2009	1116	6.0333	597.30	15.47	762.82	1.55	1099.14	0.00	159.88	1099.14	6.19	1135.18	148.75	1444.42	54.15	188.84	1420.43	21.50	1447.97
4/4/2009	1176	6.3576	629.40	15.47	804.66	1.55	1159.14	0.00	168.48	1159.14	6.19	1197.45	158.94	1525.50	54.15	198.99	1503.14	22.51	1532.00
4/5/2009	891	4.8171	476.89	15.47	605.93	1.55	874.14	0.00	127.65	874.14	6.19	901.67	110.56	1140.37	54.15	150.77	1110.30	17.73	1132.85
4/6/2009	606	3.2765	324.38	15.47	407.20	1.55	589.14	0.00	86.83	589.14	6.19	605.89	62.19	755.23	54.15	102.56	717.46	12.96	733.69
4/7/2009	458	2.4765	245.18	15.47	304.00	1.55	441.14	0.00	65.63	441.14	6.19	452.29	37.07	555.23	54.15	77.52	513.46	10.48	526.41
4/8/2009	370	2.0009	198.08	15.47	242.64	1.55	353.14	0.00	53.02	353.14	6.19	360.96	22.13	436.31	54.15	62.63	392.16	9.00	403.17
4/9/2009	308	1.6657	164.91	15.47	199.41	1.55	291.14	0.00	44.14	291.14	6.19	296.61	11.61	352.53	54.15	52.14	306.70	7.96	316.33
4/10/2009	280	1.5144	149.92	15.47	179.88	1.55	263.14	2.76	40.13	260.38	6.19	264.79	9.62	314.69	37.39	47.40	284.87	7.49	293.88
4/11/2009	345	1.8657	184.71	15.47	225.21	1.55	328.14	0.00	49.44	328.14	6.19	335.01	17.89	402.53	0.00	58.40	411.86	19.38	433.11
4/12/2009	351	1.8982	187.92	15.47	229.39	1.55	334.14	0.00	50.30	334.14	6.19	341.24	18.91	410.64	0.00	59.41	420.13	20.50	442.53
4/13/2009	426	2.3036	228.05	15.47	281.69	1.55	409.14	0.00	61.04	409.14	6.19	419.07	31.64	511.99	0.00	72.10	523.51	34.45	560.26
4/14/2009	504	2.7252	269.79	15.47	336.08	1.55	487.14	0.00	72.22	487.14	6.19	500.03	44.88	617.39	0.00	85.30	631.02	48.95	682.69
4/15/2009	581	3.1414	311.00	15.47	389.77	1.55	564.14	0.00	83.25	564.14	6.19	579.94	57.95	721.45	0.00	98.33	737.15	63.27	803.56

Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFSM (CFS/mi <sup>2</sup> )	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
4/16/2009	561	3.0333	300.30	15.47	375.82	1.55	544.14	0.00	80.38	544.14	6.19	559.18	54.55	694.42	0.00	94.94	709.59	59.55	772.17
4/17/2009	409	2.2117	218.95	15.47	269.83	1.55	392.14	0.00	58.61	392.14	6.19	401.43	28.75	489.02	0.00	69.23	500.07	31.28	533.57
4/18/2009	321	1.7360	171.86	15.47	208.47	1.55	304.14	0.00	46.00	304.14	6.19	310.10	13.82	370.10	0.00	54.34	378.78	14.92	395.43
4/19/2009	275	1.4873	147.25	15.47	176.39	1.55	258.14	3.48	39.41	254.66	6.19	258.88	9.49	307.93	1.04	46.55	314.33	7.41	323.23
4/20/2009	274	1.4819	146.71	15.47	175.70	1.55	257.14	3.62	39.27	253.52	6.19	257.70	9.46	306.58	1.21	46.38	312.78	7.39	321.66
4/21/2009	270	1.4603	144.57	15.47	172.91	1.55	253.14	4.19	38.70	248.94	6.19	252.98	9.36	301.18	1.89	45.71	306.59	7.33	315.38
4/22/2009	249	1.3468	133.33	15.47	158.26	1.55	232.14	7.20	35.69	224.94	6.19	228.17	8.80	272.80	5.44	42.15	274.09	6.98	282.41
4/23/2009	219	1.1846	117.28	15.47	137.35	1.55	202.14	11.50	31.39	190.64	6.19	192.74	8.00	232.26	10.52	37.08	227.66	6.47	235.32
4/24/2009	210	1.1360	112.46	15.47	131.07	1.55	193.14	12.79	30.10	180.35	6.19	182.11	7.77	220.10	12.04	35.56	213.74	6.32	221.19
4/25/2009	217	1.1738	116.21	15.47	135.95	1.55	200.14	11.79	31.11	188.35	6.19	190.38	7.95	229.56	10.86	36.74	224.57	6.44	232.18
4/26/2009	201	1.0873	107.65	15.47	124.79	1.55	184.14	14.08	28.81	170.06	6.19	171.48	7.53	207.93	13.56	34.03	199.81	6.17	207.07
4/27/2009	179	0.9684	95.87	15.47	109.45	1.55	162.14	17.23	25.66	144.91	6.19	145.50	6.95	178.20	17.29	30.31	165.76	5.80	172.53
4/28/2009	167	0.9036	89.45	15.47	101.09	1.55	150.14	18.95	23.94	131.19	6.19	131.33	6.63	161.99	19.32	28.28	147.19	5.60	153.70
4/29/2009	160	0.8657	85.71	15.47	96.21	1.55	143.14	19.95	22.94	123.19	6.19	123.06	6.44	152.53	20.50	27.10	136.36	5.48	142.71
4/30/2009	153	0.8279	81.96	15.47	91.32	1.55	136.14	20.95	21.94	115.18	6.19	114.79	6.26	143.07	21.68	25.91	125.52	5.37	131.72
5/1/2009	146	0.7919	78.40	15.47	86.68	1.55	129.48	21.30	20.98	108.17	6.19	107.53	6.08	134.67	21.87	24.79	116.76	5.25	122.81
5/2/2009	146	0.7919	78.40	15.47	86.68	1.55	129.48	21.30	20.98	108.17	6.19	107.53	6.08	134.67	21.87	24.79	116.76	5.25	122.81
5/3/2009	157	0.8513	84.28	15.47	94.35	1.55	140.48	19.73	22.56	120.75	6.19	120.52	6.37	149.54	20.01	26.65	133.79	5.44	140.08
5/4/2009	190	1.0297	101.94	15.47	117.36	1.55	173.48	15.00	27.29	158.48	6.19	159.50	7.25	194.13	14.42	32.23	184.86	5.99	191.88
5/5/2009	228	1.2351	122.28	15.47	143.86	1.55	211.48	9.56	32.73	201.92	6.19	204.38	8.25	245.48	8.00	38.66	243.66	6.63	251.53
5/6/2009	271	1.4676	145.29	15.47	173.84	1.55	254.48	3.40	38.89	251.08	6.19	255.16	9.39	303.59	0.72	45.93	310.21	7.35	319.03
5/7/2009	282	1.5270	151.17	15.47	181.51	1.55	265.48	1.82	40.47	263.66	6.19	268.16	9.68	318.46	0.00	47.80	326.09	8.67	336.29
5/8/2009	379	2.0513	203.08	15.47	249.15	1.55	362.48	0.00	54.36	362.48	6.19	370.65	24.32	449.54	0.00	64.21	459.79	26.71	488.56
5/9/2009	418	2.2622	223.95	15.47	276.35	1.55	401.48	0.00	59.95	401.48	6.19	411.13	30.94	502.24	0.00	70.81	513.55	33.96	549.78
5/10/2009	287	1.5540	153.85	15.47	185.00	1.55	270.48	1.11	41.18	269.37	6.19	274.06	9.81	325.21	0.00	48.64	332.98	9.60	344.14
5/11/2009	221	1.1973	118.53	15.47	138.98	1.55	204.48	10.56	31.73	193.92	6.19	196.11	8.07	236.02	9.18	37.48	232.83	6.51	240.54
5/12/2009	193	1.0459	103.55	15.47	119.45	1.55	176.48	14.57	27.72	161.91	6.19	163.04	7.33	198.19	13.92	32.74	189.50	6.04	196.59
5/13/2009	171	0.9270	91.77	15.47	104.11	1.55	154.48	17.72	24.57	136.76	6.19	137.06	6.74	168.46	17.64	29.02	155.45	5.67	162.05
5/14/2009	154	0.8351	82.68	15.47	92.26	1.55	137.48	20.16	22.13	117.32	6.19	116.98	6.29	145.48	20.52	26.14	129.14	5.39	135.37
5/15/2009	142	0.7703	76.26	15.47	83.89	1.55	125.48	21.88	20.41	103.60	6.19	102.80	5.97	129.27	22.55	24.11	110.57	5.19	116.53
5/16/2009	137	0.7432	73.58	15.47	80.41	1.55	120.48	22.59	19.70	97.89	6.19	96.90	5.84	122.51	23.39	23.26	102.84	5.10	108.68
5/17/2009	143	0.7757	76.79	15.47	84.59	1.55	126.48	21.73	20.56	104.74	6.19	103.99	6.00	130.62	22.38	24.28	112.12	5.20	118.10
5/18/2009	155	0.8405	83.21	15.47	92.96	1.55	138.48	20.02	22.27	118.46	6.19	118.16	6.32	146.84	20.35	26.31	130.69	5.41	136.94
5/19/2009	152	0.8243	81.61	15.47	90.86	1.55	135.48	20.44	21.84	115.03	6.19	114.62	6.24	142.78	20.85	25.80	126.05	5.36	132.23
5/20/2009	138	0.7486	74.12	15.47	81.10	1.55	121.48	22.45	19.84	99.03	6.19	98.08	5.87	123.86	23.22	23.43	104.38	5.12	110.25
5/21/2009	122	0.6622	65.55	15.47	69.95	1.55	105.48	24.74	17.55	80.74	6.19	79.18	5.44	102.24	25.93	20.73	79.62	4.85	85.14
5/22/2009	119	0.6459	63.95	15.47	67.85	1.55	102.48	25.17	17.12	77.31	6.19	75.64	5.37	98.19	26.44	20.22	74.98	4.80	80.43
5/23/2009	123	0.6676	66.09	15.47	70.64	1.55	106.48	24.60	17.69	81.88	6.19	80.36	5.47	103.59	25.76	20.89	81.17	4.87	86.71
5/24/2009	184	0.9973	98.73	15.47	113.18	1.55	167.48	15.86	26.43	151.62	6.19	152.41	7.09	186.02	15.44	31.22	175.57	5.89	182.46
5/25/2009	257	1.3919	137.80	15.47	164.08	1.55	240.48	5.40	36.88	235.07	6.19	238.63	9.02	284.67	3.09	43.57	288.54	7.11	297.05
5/26/2009	231	1.2513	123.88	15.47	145.95	1.55	214.48	9.13	33.16	205.35	6.19	207.92	8.33	249.54	7.49	39.17	248.31	6.68	256.24
5/27/2009	206	1.1162	110.50	15.47	128.52	1.55	189.48	12.71	29.58	176.77	6.19	178.39	7.67	215.75	11.72	34.94	209.62	6.26	216.99
5/28/2009	182	0.9865	97.66	15.47	111.78	1.55	165.48	16.15	26.14	149.33	6.19	150.05	7.03	183.32	15.78	30.88	172.48	5.86	179.32

Alcovy River Stream Flows

1	2	3	4	5	6	7	8	9	10	18	19	20	21	22	23	24	32	33	34
Date	Gauge Flow (Corrected) CFS	Stream Yield CFSM (CFS/mi <sup>2</sup> )	Alcovy Flow at Monroe Intake Reach-1 CFS	Monroe Water Supply Flow Diversion-1 CFS	Flow at Social Circle Intake Reach-2 CFS	Circle Water Supply Flow Diversion-2 CFS	Alcovy Flow at Lake Varner Intake Reach-3 CFS	Flow Pumped from Alcovy River into Varner Diversion-3 CFS	Flow into reservoir from Cornish Creek Reach-9 CFS	Alcovy Flow at Williams St. WTP Intake Flow Reach-4 CFS	Williams St. WTP Water Supply Flow Diversion-4 CFS	Alcovy River Flow after Williams St. Intake Reach-5 CFS	Cornish Creek Flow Reach-10 CFS	Alcovy Flow at Bear Creek Intake Reach-6 CFS	Flow Pumped from Alcovy River into Bear Creek Diversion-6 CFS	Flow into reservoir from Bear Creek Reach-11 CFS	Alcovy River Flow after Bear Creek Intake Reach-7 CFS	Bear Creek Flow Reach-12 CFS	Alcovy Flow to Lake Jackson Reach-8 CFS
5/29/2009	156	0.8459	83.75	15.47	93.65	1.55	139.48	19.87	22.42	119.61	6.19	119.34	6.35	148.19	20.18	26.48	132.24	5.42	138.51
5/30/2009	136	0.7378	73.05	15.47	79.71	1.55	119.48	22.74	19.55	96.74	6.19	95.72	5.82	121.16	23.56	23.09	101.29	5.09	107.11
5/31/2009	121	0.6567	65.02	15.47	69.25	1.55	104.48	24.89	17.40	79.59	6.19	78.00	5.42	100.89	26.10	20.56	78.07	4.84	83.57



# APPENDIX - I

## Reservoir Yield for Lake Varner

Variables						Conversion Factor					
Reservoir Yield	23	MGD				cfs x 0.6463	= MGD				
NDF for Alcovy River	22	cfs	14.22	MGD		cfs	= 23.00 MGD				
Cornish Creek NDF	2.2	cfs	1.42	MGD		MGD	= 54.15 cfs				
Permitted Alcovy Withdrawal						Number of Days					
Reservoir Full Storage	3894.26	MG		below Dead Storage -							
Dead Storage	20.0%	778.85	MG		01/01/06 thru 05/31/09						

Date	Reservoir Storage Volume at beginning of day MG	Reservoir Elevation at beginning of day ft	Surface Area of Reservoir acres	Flow into reservoir from Cornish Creek cfs	Alcovy River Flow cfs	Available Flow for Pumping from Alcovy River MG	Flow Pumped from Alcovy River MG	Reservoir Yield MG	Outflow to Cornish Creek MG	Net Evaporation in/day	Net Evaporation MG
Initial	3894.26										
1/1/2006	3894.26	700.15	787.40	27.07	171.98	35.00	5.39	23	1.42	-0.072	-1.531
1/2/2006	3894.26	700.15	787.40	39.54	258.98	35.00	0.00	23	4.08	-0.072	-1.531
1/3/2006	3894.26	700.15	787.40	76.49	516.98	35.00	0.00	23	27.97	-0.072	-1.531
1/4/2006	3894.26	700.15	787.40	70.91	477.98	35.00	0.00	23	24.36	-0.072	-1.531
1/5/2006	3894.26	700.15	787.40	58.44	390.98	35.00	0.00	23	16.30	-0.072	-1.531
1/6/2006	3894.26	700.15	787.40	44.26	291.98	35.00	0.00	23	7.14	-0.072	-1.531
1/7/2006	3894.26	700.15	787.40	37.39	243.98	35.00	0.00	23	2.69	-0.072	-1.531
1/8/2006	3894.26	700.15	787.40	33.38	215.98	35.00	1.32	23	1.42	-0.072	-1.531
1/9/2006	3894.26	700.15	787.40	31.08	199.98	35.00	2.80	23	1.42	-0.072	-1.531
1/10/2006	3894.26	700.15	787.40	29.79	190.98	35.00	3.63	23	1.42	-0.072	-1.531
1/11/2006	3894.26	700.15	787.40	30.65	196.98	35.00	3.08	23	1.42	-0.072	-1.531
1/12/2006	3894.26	700.15	787.40	30.94	198.98	35.00	2.89	23	1.42	-0.072	-1.531
1/13/2006	3894.26	700.15	787.40	30.94	198.98	35.00	2.89	23	1.42	-0.072	-1.531
1/14/2006	3894.26	700.15	787.40	40.68	266.98	35.00	0.00	23	4.82	-0.072	-1.531
1/15/2006	3894.26	700.15	787.40	46.27	305.98	35.00	0.00	23	8.43	-0.072	-1.531
1/16/2006	3894.26	700.15	787.40	42.54	279.98	35.00	0.00	23	6.03	-0.072	-1.531
1/17/2006	3894.26	700.15	787.40	36.53	237.98	35.00	0.00	23	2.14	-0.072	-1.531
1/18/2006	3894.26	700.15	787.40	50.28	333.98	35.00	0.00	23	11.03	-0.072	-1.531
1/19/2006	3894.26	700.15	787.40	63.31	424.98	35.00	0.00	23	19.45	-0.072	-1.531
1/20/2006	3894.26	700.15	787.40	76.21	514.98	35.00	0.00	23	27.78	-0.072	-1.531
1/21/2006	3894.26	700.15	787.40	57.30	382.98	35.00	0.00	23	15.56	-0.072	-1.531
1/22/2006	3894.26	700.15	787.40	48.56	321.98	35.00	0.00	23	9.91	-0.072	-1.531
1/23/2006	3894.26	700.15	787.40	51.57	342.98	35.00	0.00	23	11.86	-0.072	-1.531
1/24/2006	3894.26	700.15	787.40	66.61	447.98	35.00	0.00	23	21.58	-0.072	-1.531
1/25/2006	3894.26	700.15	787.40	124.05	848.98	35.00	0.00	23	58.70	-0.072	-1.531
1/26/2006	3894.26	700.15	787.40	136.94	938.98	35.00	0.00	23	67.04	-0.072	-1.531
1/27/2006	3894.26	700.15	787.40	80.93	547.98	35.00	0.00	23	30.84	-0.072	-1.531
1/28/2006	3894.26	700.15	787.40	58.30	389.98	35.00	0.00	23	16.21	-0.072	-1.531
1/29/2006	3894.26	700.15	787.40	50.56	335.98	35.00	0.00	23	11.21	-0.072	-1.531
1/30/2006	3894.26	700.15	787.40	50.85	337.98	35.00	0.00	23	11.40	-0.072	-1.531
1/31/2006	3894.26	700.15	787.40	49.99	331.98	35.00	0.00	23	10.84	-0.072	-1.531
2/1/2006	3894.26	700.15	787.40	43.98	289.98	35.00	0.00	23	6.41	-0.046	-0.990
2/2/2006	3894.26	700.15	787.40	40.25	263.98	35.00	0.00	23	4.00	-0.046	-0.990
2/3/2006	3894.26	700.15	787.40	40.11	262.98	35.00	0.00	23	3.91	-0.046	-0.990
2/4/2006	3894.26	700.15	787.40	40.39	264.98	35.00	0.00	23	4.10	-0.046	-0.990
2/5/2006	3894.26	700.15	787.40	38.82	253.98	35.00	0.00	23	3.08	-0.046	-0.990
2/6/2006	3894.26	700.15	787.40	42.40	278.98	35.00	0.00	23	5.39	-0.046	-0.990
2/7/2006	3894.26	700.15	787.40	89.24	605.98	35.00	0.00	23	35.67	-0.046	-0.990
2/8/2006	3894.26	700.15	787.40	136.94	938.98	35.00	0.00	23	66.49	-0.046	-0.990
2/9/2006	3894.26	700.15	787.40	115.17	786.98	35.00	0.00	23	52.42	-0.046	-0.990
2/10/2006	3894.26	700.15	787.40	75.49	509.98	35.00	0.00	23	26.78	-0.046	-0.990
2/11/2006	3894.26	700.15	787.40	62.45	418.98	35.00	0.00	23	18.35	-0.046	-0.990

Date	Reservoir Storage Volume at beginning of day MG	Reservoir Elevation at beginning of day ft	Surface Area of Reservoir acres	Flow into reservoir from Cornish Creek cfs	Alcovy River Flow cfs	Available Flow for Pumping from Alcovy River MG	Flow Pumped from Alcovy River MG	Reservoir Yield MG	Outflow to Cornish Creek MG	Net Evaporation in/day	Net Evaporation MG
2/12/2006	3894.26	700.15	787.40	60.31	403.98	35.00	0.00	23	16.97	-0.046	-0.990
2/13/2006	3894.26	700.15	787.40	58.44	390.98	35.00	0.00	23	15.76	-0.046	-0.990
2/14/2006	3894.26	700.15	787.40	50.71	336.98	35.00	0.00	23	10.76	-0.046	-0.990
2/15/2006	3894.26	700.15	787.40	45.69	301.98	35.00	0.00	23	7.52	-0.046	-0.990
2/16/2006	3894.26	700.15	787.40	41.54	272.98	35.00	0.00	23	4.84	-0.046	-0.990
2/17/2006	3894.26	700.15	787.40	39.96	261.98	35.00	0.00	23	3.82	-0.046	-0.990
2/18/2006	3894.26	700.15	787.40	38.82	253.98	35.00	0.00	23	3.08	-0.046	-0.990
2/19/2006	3894.26	700.15	787.40	38.53	251.98	35.00	0.00	23	2.89	-0.046	-0.990
2/20/2006	3894.26	700.15	787.40	38.10	248.98	35.00	0.00	23	2.62	-0.046	-0.990
2/21/2006	3894.26	700.15	787.40	38.53	251.98	35.00	0.00	23	2.89	-0.046	-0.990
2/22/2006	3894.26	700.15	787.40	39.68	259.98	35.00	0.00	23	3.63	-0.046	-0.990
2/23/2006	3894.26	700.15	787.40	71.62	482.98	35.00	0.00	23	24.28	-0.046	-0.990
2/24/2006	3894.26	700.15	787.40	120.90	826.98	35.00	0.00	23	56.13	-0.046	-0.990
2/25/2006	3894.26	700.15	787.40	131.93	903.98	35.00	0.00	23	63.25	-0.046	-0.990
2/26/2006	3894.26	700.15	787.40	130.21	891.98	35.00	0.00	23	62.14	-0.046	-0.990
2/27/2006	3894.26	700.15	787.40	118.32	808.98	35.00	0.00	23	54.46	-0.046	-0.990
2/28/2006	3894.26	700.15	787.40	98.55	670.98	35.00	0.00	23	41.68	-0.046	-0.990
3/1/2006	3894.26	700.15	787.40	73.48	495.98	35.00	0.00	23	24.50	0.000	-0.004
3/2/2006	3894.26	700.15	787.40	61.31	410.98	35.00	0.00	23	16.63	0.000	-0.004
3/3/2006	3894.26	700.15	787.40	54.72	364.98	35.00	0.00	23	12.37	0.000	-0.004
3/4/2006	3894.26	700.15	787.40	49.56	328.98	35.00	0.00	23	9.04	0.000	-0.004
3/5/2006	3894.26	700.15	787.40	45.12	297.98	35.00	0.00	23	6.17	0.000	-0.004
3/6/2006	3894.26	700.15	787.40	42.69	280.98	35.00	0.00	23	4.59	0.000	-0.004
3/7/2006	3894.26	700.15	787.40	41.83	274.98	35.00	0.00	23	4.04	0.000	-0.004
3/8/2006	3894.26	700.15	787.40	40.39	264.98	35.00	0.00	23	3.11	0.000	-0.004
3/9/2006	3894.26	700.15	787.40	38.39	250.98	35.00	0.00	23	1.82	0.000	-0.004
3/10/2006	3894.26	700.15	787.40	39.82	260.98	35.00	0.00	23	2.74	0.000	-0.004
3/11/2006	3894.26	700.15	787.40	44.12	290.98	35.00	0.00	23	5.52	0.000	-0.004
3/12/2006	3894.26	700.15	787.40	44.41	292.98	35.00	0.00	23	5.70	0.000	-0.004
3/13/2006	3894.26	700.15	787.40	39.68	259.98	35.00	0.00	23	2.65	0.000	-0.004
3/14/2006	3894.26	700.15	787.40	45.69	301.98	35.00	0.00	23	6.54	0.000	-0.004
3/15/2006	3894.26	700.15	787.40	54.86	365.98	35.00	0.00	23	12.46	0.000	-0.004
3/16/2006	3894.26	700.15	787.40	50.99	338.98	35.00	0.00	23	9.96	0.000	-0.004
3/17/2006	3894.26	700.15	787.40	42.26	277.98	35.00	0.00	23	4.31	0.000	-0.004
3/18/2006	3894.26	700.15	787.40	38.53	251.98	35.00	0.00	23	1.91	0.000	-0.004
3/19/2006	3894.26	700.15	787.40	36.10	234.98	35.00	1.09	23	1.42	0.000	-0.004
3/20/2006	3894.26	700.15	787.40	35.24	228.98	35.00	1.64	23	1.42	0.000	-0.004
3/21/2006	3894.26	700.15	787.40	64.17	430.98	35.00	0.00	23	18.48	0.000	-0.004
3/22/2006	3894.26	700.15	787.40	110.73	755.98	35.00	0.00	23	48.57	0.000	-0.004
3/23/2006	3894.26	700.15	787.40	115.88	791.98	35.00	0.00	23	51.90	0.000	-0.004
3/24/2006	3894.26	700.15	787.40	77.78	525.98	35.00	0.00	23	27.27	0.000	-0.004
3/25/2006	3894.26	700.15	787.40	57.44	383.98	35.00	0.00	23	14.13	0.000	-0.004
3/26/2006	3894.26	700.15	787.40	48.99	324.98	35.00	0.00	23	8.67	0.000	-0.004
3/27/2006	3894.26	700.15	787.40	43.98	289.98	35.00	0.00	23	5.43	0.000	-0.004
3/28/2006	3894.26	700.15	787.40	41.11	269.98	35.00	0.00	23	3.57	0.000	-0.004
3/29/2006	3894.26	700.15	787.40	40.11	262.98	35.00	0.00	23	2.93	0.000	-0.004
3/30/2006	3894.26	700.15	787.40	39.11	255.98	35.00	0.00	23	2.28	0.000	-0.004
3/31/2006	3894.26	700.15	787.40	37.53	244.98	35.00	0.16	23	1.42	0.000	-0.004
4/1/2006	3894.26	700.15	787.40	36.53	237.98	35.00	4.11	23	1.42	0.154	3.299
4/2/2006	3894.26	700.15	787.40	38.10	248.98	35.00	3.10	23	1.42	0.154	3.299
4/3/2006	3894.26	700.15	787.40	42.97	282.98	35.00	0.00	23	1.47	0.154	3.299
4/4/2006	3894.26	700.15	787.40	38.25	249.98	35.00	3.00	23	1.42	0.154	3.299
4/5/2006	3894.26	700.15	787.40	34.81	225.98	35.00	5.22	23	1.42	0.154	3.299

Date	Reservoir Storage Volume at beginning of day MG	Reservoir Elevation at beginning of day ft	Surface Area of Reservoir acres	Flow into reservoir from Cornish Creek cfs	Alcovy River Flow cfs	Available Flow for Pumping from Alcovy River MG	Flow Pumped from Alcovy River MG	Reservoir Yield MG	Outflow to Cornish Creek MG	Net Evaporation in/day	Net Evaporation MG
4/6/2006	3894.26	700.15	787.40	31.94	205.98	35.00	7.08	23	1.42	0.154	3.299
4/7/2006	3894.26	700.15	787.40	30.80	197.98	35.00	7.82	23	1.42	0.154	3.299
4/8/2006	3894.26	700.15	787.40	31.66	203.98	35.00	7.26	23	1.42	0.154	3.299
4/9/2006	3894.26	700.15	787.40	34.09	220.98	35.00	5.69	23	1.42	0.154	3.299
4/10/2006	3894.26	700.15	787.40	35.38	229.98	35.00	4.85	23	1.42	0.154	3.299
4/11/2006	3894.26	700.15	787.40	31.80	204.98	35.00	7.17	23	1.42	0.154	3.299
4/12/2006	3894.26	700.15	787.40	31.23	200.98	35.00	7.54	23	1.42	0.154	3.299
4/13/2006	3894.26	700.15	787.40	29.08	185.98	35.00	8.93	23	1.42	0.154	3.299
4/14/2006	3894.26	700.15	787.40	28.08	178.98	35.00	9.58	23	1.42	0.154	3.299
4/15/2006	3894.26	700.15	787.40	27.50	174.98	35.00	9.95	23	1.42	0.154	3.299
4/16/2006	3894.26	700.15	787.40	25.78	162.98	35.00	11.06	23	1.42	0.154	3.299
4/17/2006	3894.26	700.15	787.40	24.49	153.98	35.00	11.89	23	1.42	0.154	3.299
4/18/2006	3894.26	700.15	787.40	24.64	154.98	35.00	11.80	23	1.42	0.154	3.299
4/19/2006	3894.26	700.15	787.40	22.35	138.98	35.00	13.28	23	1.42	0.154	3.299
4/20/2006	3894.26	700.15	787.40	23.06	143.98	35.00	12.82	23	1.42	0.154	3.299
4/21/2006	3894.26	700.15	787.40	28.65	182.98	35.00	9.21	23	1.42	0.154	3.299
4/22/2006	3894.26	700.15	787.40	46.98	310.98	35.00	0.00	23	4.07	0.154	3.299
4/23/2006	3894.26	700.15	787.40	72.91	491.98	35.00	0.00	23	20.82	0.154	3.299
4/24/2006	3894.26	700.15	787.40	67.04	450.98	35.00	0.00	23	17.03	0.154	3.299
4/25/2006	3894.26	700.15	787.40	37.82	246.98	35.00	3.28	23	1.42	0.154	3.299
4/26/2006	3894.26	700.15	787.40	32.66	210.98	35.00	6.61	23	1.42	0.154	3.299
4/27/2006	3894.26	700.15	787.40	29.22	186.98	35.00	8.84	23	1.42	0.154	3.299
4/28/2006	3894.26	700.15	787.40	27.07	171.98	35.00	10.22	23	1.42	0.154	3.299
4/29/2006	3894.26	700.15	787.40	24.49	153.98	35.00	11.89	23	1.42	0.154	3.299
4/30/2006	3894.26	700.15	787.40	22.63	140.98	35.00	13.09	23	1.42	0.154	3.299
5/1/2006	3894.26	700.15	787.40	21.49	132.98	35.00	13.44	23	1.42	0.136	2.910
5/2/2006	3894.26	700.15	787.40	21.20	130.98	35.00	13.63	23	1.42	0.136	2.910
5/3/2006	3894.26	700.15	787.40	20.63	126.98	35.00	14.00	23	1.42	0.136	2.910
5/4/2006	3894.26	700.15	787.40	20.48	125.98	35.00	14.09	23	1.42	0.136	2.910
5/5/2006	3894.26	700.15	787.40	20.63	126.98	35.00	14.00	23	1.42	0.136	2.910
5/6/2006	3894.26	700.15	787.40	27.36	173.98	35.00	9.65	23	1.42	0.136	2.910
5/7/2006	3894.26	700.15	787.40	32.95	212.98	35.00	6.04	23	1.42	0.136	2.910
5/8/2006	3894.26	700.15	787.40	45.55	300.98	35.00	0.00	23	3.53	0.136	2.910
5/9/2006	3894.26	700.15	787.40	49.42	327.98	35.00	0.00	23	6.03	0.136	2.910
5/10/2006	3894.26	700.15	787.40	36.67	238.98	35.00	3.63	23	1.42	0.136	2.910
5/11/2006	3894.26	700.15	787.40	33.38	215.98	35.00	5.76	23	1.42	0.136	2.910
5/12/2006	3894.26	700.15	787.40	30.51	195.98	35.00	7.61	23	1.42	0.136	2.910
5/13/2006	3894.26	700.15	787.40	25.64	161.98	35.00	10.76	23	1.42	0.136	2.910
5/14/2006	3894.26	700.15	787.40	22.78	141.98	35.00	12.61	23	1.42	0.136	2.910
5/15/2006	3894.26	700.15	787.40	21.77	134.98	35.00	13.26	23	1.42	0.136	2.910
5/16/2006	3894.26	700.15	787.40	20.77	127.98	35.00	13.91	23	1.42	0.136	2.910
5/17/2006	3894.26	700.15	787.40	19.05	115.98	35.00	15.02	23	1.42	0.136	2.910
5/18/2006	3894.26	700.15	787.40	18.05	108.98	35.00	15.67	23	1.42	0.136	2.910
5/19/2006	3894.26	700.15	787.40	17.91	107.98	35.00	15.76	23	1.42	0.136	2.910
5/20/2006	3894.26	700.15	787.40	17.33	103.98	35.00	16.13	23	1.42	0.136	2.910
5/21/2006	3894.26	700.15	787.40	16.33	96.98	35.00	16.78	23	1.42	0.136	2.910
5/22/2006	3894.26	700.15	787.40	15.33	89.98	35.00	17.43	23	1.42	0.136	2.910
5/23/2006	3894.26	700.15	787.40	14.61	84.98	35.00	17.89	23	1.42	0.136	2.910
5/24/2006	3894.26	700.15	787.40	17.19	102.98	35.00	16.22	23	1.42	0.136	2.910
5/25/2006	3894.26	700.15	787.40	15.90	93.98	35.00	17.06	23	1.42	0.136	2.910
5/26/2006	3894.26	700.15	787.40	15.61	91.98	35.00	17.24	23	1.42	0.136	2.910
5/27/2006	3894.26	700.15	787.40	29.22	186.98	35.00	8.45	23	1.42	0.136	2.910
5/28/2006	3894.26	700.15	787.40	30.22	193.98	35.00	7.80	23	1.42	0.136	2.910

Date	Reservoir Storage Volume at beginning of day MG	Reservoir Elevation at beginning of day ft	Surface Area of Reservoir acres	Flow into reservoir from Cornish Creek cfs	Alcovy River Flow cfs	Available Flow for Pumping from Alcovy River MG	Flow Pumped from Alcovy River MG	Reservoir Yield MG	Outflow to Cornish Creek MG	Net Evaporation in/day	Net Evaporation MG
5/29/2006	3894.26	700.15	787.40	18.91	114.98	35.00	15.11	23	1.42	0.136	2.910
5/30/2006	3894.26	700.15	787.40	15.61	91.98	35.00	17.24	23	1.42	0.136	2.910
5/31/2006	3894.26	700.15	787.40	14.18	81.98	35.00	18.17	23	1.42	0.136	2.910
6/1/2006	3894.26	700.15	787.40	12.18	67.98	29.72	20.50	23	1.42	0.185	3.948
6/2/2006	3894.26	700.15	787.40	16.04	94.98	35.00	18.00	23	1.42	0.185	3.948
6/3/2006	3894.26	700.15	787.40	27.22	172.98	35.00	10.78	23	1.42	0.185	3.948
6/4/2006	3894.26	700.15	787.40	28.36	180.98	35.00	10.04	23	1.42	0.185	3.948
6/5/2006	3894.26	700.15	787.40	23.49	146.98	35.00	13.19	23	1.42	0.185	3.948
6/6/2006	3894.26	700.15	787.40	18.91	114.98	35.00	16.15	23	1.42	0.185	3.948
6/7/2006	3894.26	700.15	787.40	16.62	98.98	35.00	17.63	23	1.42	0.185	3.948
6/8/2006	3894.26	700.15	787.40	15.61	91.98	35.00	18.28	23	1.42	0.185	3.948
6/9/2006	3894.26	700.15	787.40	12.61	70.98	31.66	20.22	23	1.42	0.185	3.948
6/10/2006	3894.26	700.15	787.40	11.75	64.98	27.78	20.78	23	1.42	0.185	3.948
6/11/2006	3894.26	700.15	787.40	11.03	59.98	24.55	21.24	23	1.42	0.185	3.948
6/12/2006	3894.26	700.15	787.40	10.46	55.98	21.96	21.61	23	1.42	0.185	3.948
6/13/2006	3894.26	700.15	787.40	10.17	53.98	20.67	20.67	23	1.42	0.185	3.948
6/14/2006	3893.13	700.15	787.23	11.32	61.98	25.84	22.18	23	1.42	0.185	3.947
6/15/2006	3894.26	700.15	787.40	10.89	58.98	23.90	21.33	23	1.42	0.185	3.948
6/16/2006	3894.26	700.15	787.40	9.88	51.98	19.38	19.38	23	1.42	0.185	3.948
6/17/2006	3891.65	700.14	787.01	9.31	47.98	16.79	16.79	23	1.42	0.185	3.946
6/18/2006	3886.10	700.12	786.18	8.74	43.98	14.21	14.21	23	1.42	0.185	3.942
6/19/2006	3877.58	700.08	784.91	8.45	41.98	12.91	12.91	23	1.42	0.185	3.936
6/20/2006	3867.60	700.04	783.42	8.31	41.31	12.48	12.48	23	1.42	0.185	3.928
6/21/2006	3857.11	700.00	781.87	8.16	40.85	12.18	12.18	23	1.42	0.185	3.920
6/22/2006	3846.22	699.95	780.27	7.88	39.92	11.58	11.58	23	1.42	0.185	3.912
6/23/2006	3834.56	699.90	778.56	8.45	41.98	12.91	12.91	23	1.42	0.185	3.904
6/24/2006	3824.61	699.86	777.11	12.03	66.98	29.07	29.07	23	1.42	0.185	3.896
6/25/2006	3833.14	699.90	778.35	17.91	107.98	35.00	35.00	23	1.42	0.185	3.903
6/26/2006	3851.39	699.97	781.03	19.91	121.98	35.00	35.00	23	1.42	0.185	3.916
6/27/2006	3870.92	700.05	783.92	30.80	197.98	35.00	31.79	23	1.42	0.185	3.931
6/28/2006	3894.26	700.15	787.40	28.94	184.98	35.00	9.67	23	1.42	0.185	3.948
6/29/2006	3894.26	700.15	787.40	18.34	110.98	35.00	16.52	23	1.42	0.185	3.948
6/30/2006	3894.26	700.15	787.40	16.04	94.98	35.00	18.00	23	1.42	0.185	3.948
7/1/2006	3894.26	700.15	787.40	11.61	64.00	27.15	20.49	23	1.42	0.167	3.564
7/2/2006	3894.26	700.15	787.40	10.17	54.00	20.68	20.68	23	1.42	0.167	3.564
7/3/2006	3893.53	700.15	787.29	9.31	48.00	16.81	16.81	23	1.42	0.167	3.564
7/4/2006	3888.37	700.13	786.52	9.46	49.00	17.45	17.45	23	1.42	0.167	3.560
7/5/2006	3883.95	700.11	785.86	9.03	46.00	15.51	15.51	23	1.42	0.167	3.557
7/6/2006	3877.32	700.08	784.87	9.17	47.00	16.16	16.16	23	1.42	0.167	3.553
7/7/2006	3871.43	700.06	783.99	9.99	52.74	19.87	19.87	23	1.42	0.167	3.549
7/8/2006	3869.79	700.05	783.75	8.99	45.74	15.34	15.34	23	1.42	0.167	3.548
7/9/2006	3862.97	700.02	782.74	7.99	40.27	11.81	11.81	23	1.42	0.167	3.543
7/10/2006	3851.98	699.98	781.11	7.13	37.48	10.01	10.01	23	1.42	0.167	3.536
7/11/2006	3838.63	699.92	779.16	6.98	37.02	9.71	9.71	23	1.42	0.167	3.527
7/12/2006	3824.91	699.86	777.15	7.99	40.27	11.81	11.81	23	1.42	0.167	3.518
7/13/2006	3813.94	699.82	775.56	6.98	37.02	9.71	9.71	23	1.42	0.167	3.511
7/14/2006	3800.23	699.76	773.58	7.56	38.88	10.91	10.91	23	1.42	0.167	3.502
7/15/2006	3788.10	699.71	771.83	7.41	38.41	10.61	10.61	23	1.42	0.167	3.494
7/16/2006	3775.58	699.66	770.04	6.84	36.55	9.41	9.41	23	1.42	0.167	3.486
7/17/2006	3761.50	699.61	768.04	6.70	36.09	9.11	9.11	23	1.42	0.167	3.477
7/18/2006	3747.04	699.55	766.00	6.58	35.72	8.87	8.87	23	1.42	0.167	3.467
7/19/2006	3732.27	699.49	763.93	6.44	34.90	8.34	8.34	23	1.42	0.167	3.458
7/20/2006	3716.89	699.43	761.78	6.30	33.90	7.69	7.69	23	1.42	0.167	3.448

Date	Reservoir Storage Volume at beginning of day MG	Reservoir Elevation at beginning of day ft	Surface Area of Reservoir acres	Flow into reservoir from Cornish Creek cfs	Alcovy River Flow cfs	Available Flow for Pumping from Alcovy River MG	Flow Pumped from Alcovy River MG	Reservoir Yield MG	Outflow to Cornish Creek MG	Net Evaporation in/day	Net Evaporation MG
7/21/2006	3700.78	699.37	759.55	6.30	33.90	7.69	7.69	23	1.42	0.167	3.438
7/22/2006	3684.69	699.31	757.34	6.30	33.90	7.69	7.69	23	1.42	0.167	3.428
7/23/2006	3668.60	699.24	755.14	6.30	33.90	7.69	7.69	23	1.42	0.167	3.418
7/24/2006	3652.52	699.18	752.96	7.29	38.00	10.34	10.34	23	1.42	0.167	3.408
7/25/2006	3639.74	699.13	751.24	13.44	76.80	35.00	35.00	23	1.42	0.167	3.400
7/26/2006	3655.61	699.19	753.38	9.87	51.85	19.29	19.29	23	1.42	0.167	3.410
7/27/2006	3653.45	699.19	753.09	9.44	48.85	17.36	17.36	23	1.42	0.167	3.409
7/28/2006	3649.07	699.17	752.50	7.43	38.47	10.64	10.64	23	1.42	0.167	3.406
7/29/2006	3636.69	699.12	750.83	7.14	37.54	10.04	10.04	23	1.42	0.167	3.399
7/30/2006	3623.52	699.07	749.07	11.58	63.85	27.05	27.05	23	1.42	0.167	3.391
7/31/2006	3630.25	699.10	749.97	16.93	101.20	35.00	35.00	23	1.42	0.167	3.395
8/1/2006	3648.38	699.17	752.40	11.99	66.70	28.89	28.89	23	1.42	0.089	1.817
8/2/2006	3658.77	699.21	753.81	8.64	43.33	13.78	13.78	23	1.42	0.089	1.821
8/3/2006	3651.90	699.18	752.88	7.49	38.64	10.76	10.76	23	1.42	0.089	1.819
8/4/2006	3641.25	699.14	751.45	7.06	37.25	9.86	9.86	23	1.42	0.089	1.815
8/5/2006	3629.43	699.09	749.86	8.40	41.60	12.67	12.67	23	1.42	0.089	1.811
8/6/2006	3621.29	699.06	748.77	10.78	58.23	23.42	23.42	23	1.42	0.089	1.809
8/7/2006	3625.45	699.08	749.33	13.50	77.25	35.00	35.00	23	1.42	0.089	1.810
8/8/2006	3642.94	699.15	751.67	10.55	56.64	22.39	22.39	23	1.42	0.089	1.816
8/9/2006	3645.91	699.16	752.07	8.29	41.26	12.45	12.45	23	1.42	0.089	1.817
8/10/2006	3637.48	699.12	750.94	8.82	44.58	14.59	14.59	23	1.42	0.089	1.814
8/11/2006	3631.54	699.10	750.14	10.72	57.80	23.14	23.14	23	1.42	0.089	1.812
8/12/2006	3635.37	699.12	750.65	11.18	61.03	25.23	25.23	23	1.42	0.089	1.813
8/13/2006	3641.59	699.14	751.49	13.62	78.03	35.00	35.00	23	1.42	0.089	1.815
8/14/2006	3659.15	699.21	753.86	10.88	58.91	23.85	23.85	23	1.42	0.089	1.821
8/15/2006	3663.79	699.23	754.49	10.25	54.57	21.05	21.05	23	1.42	0.089	1.822
8/16/2006	3665.23	699.23	754.69	8.76	44.14	14.31	14.31	23	1.42	0.089	1.823
8/17/2006	3658.96	699.21	753.83	15.24	89.37	35.00	35.00	23	1.42	0.089	1.821
8/18/2006	3677.56	699.28	756.37	9.71	50.74	18.57	18.57	23	1.42	0.089	1.827
8/19/2006	3676.16	699.27	756.17	8.42	41.74	12.75	12.75	23	1.42	0.089	1.826
8/20/2006	3668.10	699.24	755.08	7.13	37.48	10.01	10.01	23	1.42	0.089	1.824
8/21/2006	3656.47	699.20	753.50	7.99	40.27	11.81	11.81	23	1.42	0.089	1.820
8/22/2006	3647.20	699.16	752.25	7.73	39.44	11.27	11.27	23	1.42	0.089	1.817
8/23/2006	3637.23	699.12	750.90	11.39	62.50	26.18	26.18	23	1.42	0.089	1.814
8/24/2006	3644.54	699.15	751.89	22.47	139.84	35.00	35.00	23	1.42	0.089	1.816
8/25/2006	3667.82	699.24	755.04	16.18	95.96	35.00	35.00	23	1.42	0.089	1.824
8/26/2006	3687.03	699.32	757.66	19.27	117.51	35.00	35.00	23	1.42	0.089	1.830
8/27/2006	3708.24	699.40	760.58	13.68	78.51	35.00	35.00	23	1.42	0.089	1.837
8/28/2006	3725.82	699.47	763.03	11.68	64.51	27.47	27.47	23	1.42	0.089	1.843
8/29/2006	3734.58	699.50	764.25	8.95	45.45	15.16	15.16	23	1.42	0.089	1.846
8/30/2006	3729.25	699.48	763.51	8.88	44.97	14.85	14.85	23	1.42	0.089	1.844
8/31/2006	3723.58	699.46	762.71	8.87	44.88	14.79	14.79	23	1.42	0.089	1.842
9/1/2006	3717.83	699.44	761.91	9.80	51.36	18.98	18.98	23	1.42	0.039	0.805
9/2/2006	3717.91	699.44	761.93	11.71	64.73	27.62	27.62	23	1.42	0.039	0.806
9/3/2006	3727.87	699.47	763.31	12.82	72.47	32.62	32.62	23	1.42	0.039	0.807
9/4/2006	3743.54	699.54	765.51	13.96	80.47	35.00	35.00	23	1.42	0.039	0.809
9/5/2006	3762.34	699.61	768.16	10.84	58.64	23.68	23.68	23	1.42	0.039	0.812
9/6/2006	3767.79	699.63	768.94	10.44	55.87	21.89	21.89	23	1.42	0.039	0.813
9/7/2006	3771.19	699.65	769.42	9.22	47.33	16.37	16.37	23	1.42	0.039	0.813
9/8/2006	3768.29	699.64	769.01	8.18	40.90	12.21	12.21	23	1.42	0.039	0.813
9/9/2006	3760.55	699.60	767.91	7.75	39.50	11.31	11.31	23	1.42	0.039	0.812
9/10/2006	3751.64	699.57	766.65	7.32	38.11	10.41	10.41	23	1.42	0.039	0.811
9/11/2006	3741.55	699.53	765.23	6.89	36.72	9.51	9.51	23	1.42	0.039	0.809

Date	Reservoir Storage Volume at beginning of day MG	Reservoir Elevation at beginning of day ft	Surface Area of Reservoir acres	Flow into reservoir from Cornish Creek cfs	Alcovy River Flow cfs	Available Flow for Pumping from Alcovy River MG	Flow Pumped from Alcovy River MG	Reservoir Yield MG	Outflow to Cornish Creek MG	Net Evaporation in/day	Net Evaporation MG
9/12/2006	3730.28	699.48	763.65	6.60	35.79	8.91	8.91	23	1.42	0.039	0.807
9/13/2006	3718.23	699.44	761.97	9.33	48.09	16.86	16.86	23	1.42	0.039	0.806
9/14/2006	3715.89	699.43	761.64	22.20	137.93	35.00	35.00	23	1.42	0.039	0.805
9/15/2006	3740.01	699.52	765.01	33.94	219.92	35.00	35.00	23	1.42	0.039	0.809
9/16/2006	3771.71	699.65	769.49	26.62	168.82	35.00	35.00	23	1.42	0.039	0.814
9/17/2006	3798.68	699.76	773.35	15.82	93.42	35.00	35.00	23	1.42	0.039	0.818
9/18/2006	3818.67	699.84	776.24	11.83	65.55	28.15	28.15	23	1.42	0.039	0.821
9/19/2006	3829.22	699.88	777.78	13.06	74.14	33.70	33.70	23	1.42	0.039	0.822
9/20/2006	3846.11	699.95	780.25	10.74	57.97	23.25	23.25	23	1.42	0.039	0.825
9/21/2006	3851.06	699.97	780.98	10.02	52.91	19.98	19.98	23	1.42	0.039	0.826
9/22/2006	3852.26	699.98	781.16	7.23	37.81	10.22	10.22	23	1.42	0.039	0.826
9/23/2006	3841.90	699.93	779.63	8.65	43.37	13.81	13.81	23	1.42	0.039	0.824
9/24/2006	3836.05	699.91	778.78	8.51	42.37	13.16	13.16	23	1.42	0.039	0.823
9/25/2006	3829.47	699.88	777.82	10.94	59.37	24.15	24.15	23	1.42	0.039	0.822
9/26/2006	3835.45	699.91	778.69	10.29	54.85	21.23	21.23	23	1.42	0.039	0.823
9/27/2006	3838.08	699.92	779.07	8.07	40.55	11.99	11.99	23	1.42	0.039	0.824
9/28/2006	3830.05	699.89	777.90	6.60	35.76	8.89	8.89	23	1.42	0.039	0.822
9/29/2006	3817.96	699.84	776.14	5.92	32.03	6.48	6.48	23	1.42	0.039	0.821
9/30/2006	3803.02	699.77	773.98	5.77	31.03	5.84	5.84	23	1.42	0.039	0.818
10/1/2006	3787.35	699.71	771.73	6.45	34.99	8.40	8.40	23	1.42	-0.034	-0.708
10/2/2006	3776.20	699.67	770.13	6.09	32.83	7.00	7.00	23	1.42	-0.034	-0.707
10/3/2006	3763.43	699.62	768.32	5.94	32.18	6.58	6.58	23	1.42	-0.034	-0.705
10/4/2006	3750.13	699.56	766.44	5.65	30.18	5.29	5.29	23	1.42	-0.034	-0.704
10/5/2006	3735.36	699.50	764.36	5.65	30.18	5.29	5.29	23	1.42	-0.034	-0.702
10/6/2006	3720.58	699.45	762.30	5.65	30.18	5.29	5.29	23	1.42	-0.034	-0.700
10/7/2006	3705.80	699.39	760.25	5.51	29.18	4.64	4.64	23	1.42	-0.034	-0.698
10/8/2006	3690.28	699.33	758.11	5.51	29.18	4.64	4.64	23	1.42	-0.034	-0.696
10/9/2006	3674.76	699.27	755.98	5.51	29.18	4.64	4.64	23	1.42	-0.034	-0.694
10/10/2006	3659.24	699.21	753.87	5.51	29.18	4.64	4.64	23	1.42	-0.034	-0.692
10/11/2006	3643.71	699.15	751.78	5.51	29.18	4.64	4.64	23	1.42	-0.034	-0.690
10/12/2006	3628.18	699.09	749.69	5.51	29.18	4.64	4.64	23	1.42	-0.034	-0.688
10/13/2006	3612.65	699.03	747.62	5.51	29.18	4.64	4.64	23	1.42	-0.034	-0.686
10/14/2006	3597.12	698.97	745.57	5.51	29.18	4.64	4.64	23	1.42	-0.034	-0.684
10/15/2006	3581.59	698.91	743.53	5.51	29.18	4.64	4.64	23	1.42	-0.034	-0.683
10/16/2006	3566.05	698.86	741.50	5.37	28.18	4.00	4.00	23	1.42	-0.034	-0.681
10/17/2006	3549.78	698.80	739.39	5.96	32.32	6.67	6.67	23	1.42	-0.034	-0.679
10/18/2006	3536.55	698.75	737.69	9.49	49.24	17.61	17.61	23	1.42	-0.034	-0.677
10/19/2006	3536.55	698.75	737.68	16.85	100.59	35.00	35.00	23	1.42	-0.034	-0.677
10/20/2006	3558.69	698.83	740.54	11.65	64.31	27.34	27.34	23	1.42	-0.034	-0.680
10/21/2006	3569.82	698.87	741.99	9.79	51.31	18.94	18.94	23	1.42	-0.034	-0.681
10/22/2006	3571.35	698.88	742.19	9.36	48.31	17.00	17.00	23	1.42	-0.034	-0.681
10/23/2006	3570.66	698.87	742.10	7.94	40.13	11.72	11.72	23	1.42	-0.034	-0.681
10/24/2006	3563.77	698.85	741.20	6.98	36.99	9.69	9.69	23	1.42	-0.034	-0.680
10/25/2006	3554.23	698.81	739.96	7.34	38.18	10.46	10.46	23	1.42	-0.034	-0.679
10/26/2006	3545.69	698.78	738.86	7.06	37.25	9.86	9.86	23	1.42	-0.034	-0.678
10/27/2006	3536.36	698.75	737.66	9.78	51.24	18.90	18.90	23	1.42	-0.034	-0.677
10/28/2006	3537.83	698.75	737.85	32.19	207.73	35.00	35.00	23	1.42	-0.034	-0.677
10/29/2006	3569.90	698.87	742.00	44.73	295.27	35.00	35.00	23	1.42	-0.034	-0.681
10/30/2006	3610.07	699.02	747.28	39.06	255.63	35.00	35.00	23	1.42	-0.034	-0.686
10/31/2006	3646.57	699.16	752.16	18.21	110.14	35.00	35.00	23	1.42	-0.034	-0.690
11/1/2006	3669.61	699.25	755.28	15.35	90.17	35.00	35.00	23	1.42	-0.086	-1.767
11/2/2006	3691.88	699.33	758.33	12.83	72.58	32.69	32.69	23	1.42	-0.086	-1.774
11/3/2006	3710.22	699.41	760.86	11.15	60.85	25.11	25.11	23	1.42	-0.086	-1.780



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11/4/2006	3719.90	699.44	762.20	10.94	59.36	24.15	24.15	23	1.42	-0.086	-1.783
11/5/2006	3728.47	699.48	763.40	9.82	51.52	19.08	19.08	23	1.42	-0.086	-1.786
11/6/2006	3731.26	699.49	763.79	10.12	53.65	20.46	20.46	23	1.42	-0.086	-1.787
11/7/2006	3735.63	699.51	764.40	11.33	62.08	25.90	25.90	23	1.42	-0.086	-1.788
11/8/2006	3746.22	699.55	765.89	13.76	79.03	35.00	35.00	23	1.42	-0.086	-1.792
11/9/2006	3767.48	699.63	768.89	18.91	115.03	35.00	35.00	23	1.42	-0.086	-1.799
11/10/2006	3792.08	699.73	772.41	19.20	117.03	35.00	35.00	23	1.42	-0.086	-1.807
11/11/2006	3816.88	699.83	775.98	14.90	87.03	35.00	35.00	23	1.42	-0.086	-1.815
11/12/2006	3838.90	699.92	779.19	13.20	75.16	34.35	34.35	23	1.42	-0.086	-1.823
11/13/2006	3859.19	700.01	782.18	12.51	70.34	31.24	31.24	23	1.42	-0.086	-1.830
11/14/2006	3875.93	700.07	784.66	13.60	77.92	35.00	32.13	23	1.42	-0.086	-1.836
11/15/2006	3894.26	700.15	787.40	15.18	88.96	35.00	12.77	23	1.42	-0.086	-1.842
11/16/2006	3894.26	700.15	787.40	52.98	352.85	35.00	0.00	23	13.08	-0.086	-1.842
11/17/2006	3894.26	700.15	787.40	75.19	507.89	35.00	0.00	23	27.44	-0.086	-1.842
11/18/2006	3894.26	700.15	787.40	107.13	730.89	35.00	0.00	23	48.08	-0.086	-1.842
11/19/2006	3894.26	700.15	787.40	64.00	429.76	35.00	0.00	23	20.20	-0.086	-1.842
11/20/2006	3894.26	700.15	787.40	33.58	217.38	35.00	0.88	23	1.42	-0.086	-1.842
11/21/2006	3894.26	700.15	787.40	25.78	162.94	35.00	5.92	23	1.42	-0.086	-1.842
11/22/2006	3894.26	700.15	787.40	16.88	100.80	35.00	11.67	23	1.42	-0.086	-1.842
11/23/2006	3894.26	700.15	787.40	16.67	99.33	35.00	11.81	23	1.42	-0.086	-1.842
11/24/2006	3894.26	700.15	787.40	19.55	119.49	35.00	9.94	23	1.42	-0.086	-1.842
11/25/2006	3894.26	700.15	787.40	14.52	84.33	35.00	13.20	23	1.42	-0.086	-1.842
11/26/2006	3894.26	700.15	787.40	15.77	93.05	35.00	12.39	23	1.42	-0.086	-1.842
11/27/2006	3894.26	700.15	787.40	15.49	91.13	35.00	12.57	23	1.42	-0.086	-1.842
11/28/2006	3894.26	700.15	787.40	14.68	85.45	35.00	13.09	23	1.42	-0.086	-1.842
11/29/2006	3894.26	700.15	787.40	14.18	81.96	35.00	13.42	23	1.42	-0.086	-1.842
11/30/2006	3894.26	700.15	787.40	13.38	76.38	35.00	13.93	23	1.42	-0.086	-1.842
12/1/2006	3894.26	700.15	787.40	13.95	80.38	35.00	14.56	23	1.42	-0.039	-0.840
12/2/2006	3894.26	700.15	787.40	19.13	116.50	35.00	11.22	23	1.42	-0.039	-0.840
12/3/2006	3894.26	700.15	787.40	18.55	112.50	35.00	11.59	23	1.42	-0.039	-0.840
12/4/2006	3894.26	700.15	787.40	15.84	93.60	35.00	13.34	23	1.42	-0.039	-0.840
12/5/2006	3894.26	700.15	787.40	15.19	89.03	35.00	13.76	23	1.42	-0.039	-0.840
12/6/2006	3894.26	700.15	787.40	14.28	82.70	35.00	14.35	23	1.42	-0.039	-0.840
12/7/2006	3894.26	700.15	787.40	14.03	80.92	35.00	14.51	23	1.42	-0.039	-0.840
12/8/2006	3894.26	700.15	787.40	13.56	77.62	35.00	14.82	23	1.42	-0.039	-0.840
12/9/2006	3894.26	700.15	787.40	13.28	75.72	34.72	15.00	23	1.42	-0.039	-0.840
12/10/2006	3894.26	700.15	787.40	13.00	73.72	33.43	15.18	23	1.42	-0.039	-0.840
12/11/2006	3894.26	700.15	787.40	13.00	73.72	33.43	15.18	23	1.42	-0.039	-0.840
12/12/2006	3894.26	700.15	787.40	13.36	76.27	35.00	14.95	23	1.42	-0.039	-0.840
12/13/2006	3894.26	700.15	787.40	13.82	79.48	35.00	14.65	23	1.42	-0.039	-0.840
12/14/2006	3894.26	700.15	787.40	13.69	78.53	35.00	14.74	23	1.42	-0.039	-0.840
12/15/2006	3894.26	700.15	787.40	12.89	72.96	32.93	15.25	23	1.42	-0.039	-0.840
12/16/2006	3894.26	700.15	787.40	12.60	70.96	31.64	15.44	23	1.42	-0.039	-0.840
12/17/2006	3894.26	700.15	787.40	13.03	73.96	33.58	15.16	23	1.42	-0.039	-0.840
12/18/2006	3894.26	700.15	787.40	14.10	81.42	35.00	14.47	23	1.42	-0.039	-0.840
12/19/2006	3894.26	700.15	787.40	13.42	76.63	35.00	14.91	23	1.42	-0.039	-0.840
12/20/2006	3894.26	700.15	787.40	12.09	67.41	29.35	15.77	23	1.42	-0.039	-0.840
12/21/2006	3894.26	700.15	787.40	11.81	65.41	28.06	15.95	23	1.42	-0.039	-0.840
12/22/2006	3894.26	700.15	787.40	16.25	96.41	35.00	13.08	23	1.42	-0.039	-0.840
12/23/2006	3894.26	700.15	787.40	20.42	125.52	35.00	10.39	23	1.42	-0.039	-0.840
12/24/2006	3894.26	700.15	787.40	20.52	126.24	35.00	10.32	23	1.42	-0.039	-0.840
12/25/2006	3894.26	700.15	787.40	28.40	181.24	35.00	5.23	23	1.42	-0.039	-0.840
12/26/2006	3894.26	700.15	787.40	52.89	352.24	35.00	0.00	23	12.03	-0.039	-0.840

Date	Reservoir Storage Volume at beginning of day MG	Reservoir Elevation at beginning of day ft	Surface Area of Reservoir acres	Flow into reservoir from Cornish Creek cfs	Alcovy River Flow cfs	Available Flow for Pumping from Alcovy River MG	Flow Pumped from Alcovy River MG	Reservoir Yield MG	Outflow to Cornish Creek MG	Net Evaporation in/day	Net Evaporation MG
12/27/2006	3894.26	700.15	787.40	45.45	300.29	35.00	0.00	23	7.22	-0.039	-0.840
12/28/2006	3894.26	700.15	787.40	32.32	208.63	35.00	2.69	23	1.42	-0.039	-0.840
12/29/2006	3894.26	700.15	787.40	20.90	128.89	35.00	10.07	23	1.42	-0.039	-0.840
12/30/2006	3894.26	700.15	787.40	17.94	108.24	35.00	11.99	23	1.42	-0.039	-0.840
12/31/2006	3894.26	700.15	787.40	17.80	107.24	35.00	12.08	23	1.42	-0.039	-0.840
1/1/2007	3894.26	700.15	787.40	29.75	190.65	35.00	3.67	23	1.42	-0.072	-1.531
1/2/2007	3894.26	700.15	787.40	55.60	371.14	35.00	0.00	23	14.47	-0.072	-1.531
1/3/2007	3894.26	700.15	787.40	93.76	637.51	35.00	0.00	23	39.13	-0.072	-1.531
1/4/2007	3894.26	700.15	787.40	60.01	401.93	35.00	0.00	23	17.32	-0.072	-1.531
1/5/2007	3894.26	700.15	787.40	35.37	229.90	35.00	0.03	23	1.42	-0.072	-1.531
1/6/2007	3894.26	700.15	787.40	38.00	248.25	35.00	0.00	23	3.09	-0.072	-1.531
1/7/2007	3894.26	700.15	787.40	40.29	264.25	35.00	0.00	23	4.57	-0.072	-1.531
1/8/2007	3894.26	700.15	787.40	66.10	444.40	35.00	0.00	23	21.25	-0.072	-1.531
1/9/2007	3894.26	700.15	787.40	96.51	656.71	35.00	0.00	23	40.90	-0.072	-1.531
1/10/2007	3894.26	700.15	787.40	100.44	684.13	35.00	0.00	23	43.44	-0.072	-1.531
1/11/2007	3894.26	700.15	787.40	60.56	405.79	35.00	0.00	23	17.67	-0.072	-1.531
1/12/2007	3894.26	700.15	787.40	39.33	257.56	35.00	0.00	23	3.95	-0.072	-1.531
1/13/2007	3894.26	700.15	787.40	32.11	207.16	35.00	2.14	23	1.42	-0.072	-1.531
1/14/2007	3894.26	700.15	787.40	28.25	180.16	35.00	4.64	23	1.42	-0.072	-1.531
1/15/2007	3894.26	700.15	787.40	25.95	164.16	35.00	6.12	23	1.42	-0.072	-1.531
1/16/2007	3894.26	700.15	787.40	24.66	155.16	35.00	6.95	23	1.42	-0.072	-1.531
1/17/2007	3894.26	700.15	787.40	23.09	144.16	35.00	7.97	23	1.42	-0.072	-1.531
1/18/2007	3894.26	700.15	787.40	21.94	136.16	35.00	8.71	23	1.42	-0.072	-1.531
1/19/2007	3894.26	700.15	787.40	21.80	135.16	35.00	8.80	23	1.42	-0.072	-1.531
1/20/2007	3894.26	700.15	787.40	21.37	132.16	35.00	9.08	23	1.42	-0.072	-1.531
1/21/2007	3894.26	700.15	787.40	20.65	127.16	35.00	9.54	23	1.42	-0.072	-1.531
1/22/2007	3894.26	700.15	787.40	33.12	214.16	35.00	1.49	23	1.42	-0.072	-1.531
1/23/2007	3894.26	700.15	787.40	49.28	327.00	35.00	0.00	23	10.38	-0.072	-1.531
1/24/2007	3894.26	700.15	787.40	53.89	359.21	35.00	0.00	23	13.36	-0.072	-1.531
1/25/2007	3894.26	700.15	787.40	36.87	240.39	35.00	0.00	23	2.36	-0.072	-1.531
1/26/2007	3894.26	700.15	787.40	27.27	173.34	35.00	5.27	23	1.42	-0.072	-1.531
1/27/2007	3894.26	700.15	787.40	25.46	160.74	35.00	6.43	23	1.42	-0.072	-1.531
1/28/2007	3894.26	700.15	787.40	23.66	148.16	35.00	7.60	23	1.42	-0.072	-1.531
1/29/2007	3894.26	700.15	787.40	22.37	139.16	35.00	8.43	23	1.42	-0.072	-1.531
1/30/2007	3894.26	700.15	787.40	21.23	131.16	35.00	9.17	23	1.42	-0.072	-1.531
1/31/2007	3894.26	700.15	787.40	20.22	124.16	35.00	9.82	23	1.42	-0.072	-1.531
2/1/2007	3894.26	700.15	787.40	23.84	149.41	35.00	8.02	23	1.42	-0.046	-0.990
2/2/2007	3894.26	700.15	787.40	37.45	244.41	35.00	0.00	23	2.19	-0.046	-0.990
2/3/2007	3894.26	700.15	787.40	53.63	357.41	35.00	0.00	23	12.65	-0.046	-0.990
2/4/2007	3894.26	700.15	787.40	41.89	275.41	35.00	0.00	23	5.06	-0.046	-0.990
2/5/2007	3894.26	700.15	787.40	30.79	197.94	35.00	3.53	23	1.42	-0.046	-0.990
2/6/2007	3894.26	700.15	787.40	26.43	167.46	35.00	6.35	23	1.42	-0.046	-0.990
2/7/2007	3894.26	700.15	787.40	25.83	163.33	35.00	6.74	23	1.42	-0.046	-0.990
2/8/2007	3894.26	700.15	787.40	23.42	146.45	35.00	8.30	23	1.42	-0.046	-0.990
2/9/2007	3894.26	700.15	787.40	22.68	141.32	35.00	8.77	23	1.42	-0.046	-0.990
2/10/2007	3894.26	700.15	787.40	21.82	135.32	35.00	9.33	23	1.42	-0.046	-0.990
2/11/2007	3894.26	700.15	787.40	21.39	132.32	35.00	9.61	23	1.42	-0.046	-0.990
2/12/2007	3894.26	700.15	787.40	19.70	120.51	35.00	10.70	23	1.42	-0.046	-0.990
2/13/2007	3894.26	700.15	787.40	18.98	115.46	35.00	11.17	23	1.42	-0.046	-0.990
2/14/2007	3894.26	700.15	787.40	23.56	147.46	35.00	8.20	23	1.42	-0.046	-0.990
2/15/2007	3894.26	700.15	787.40	23.79	149.06	35.00	8.06	23	1.42	-0.046	-0.990
2/16/2007	3894.26	700.15	787.40	21.78	135.00	35.00	9.36	23	1.42	-0.046	-0.990
2/17/2007	3894.26	700.15	787.40	19.69	120.41	35.00	10.71	23	1.42	-0.046	-0.990



Date	Reservoir Storage Volume at beginning of day MG	Reservoir Elevation at beginning of day ft	Surface Area of Reservoir acres	Flow into reservoir from Cornish Creek cfs	Alcovy River Flow cfs	Available Flow for Pumping from Alcovy River MG	Flow Pumped from Alcovy River MG	Reservoir Yield MG	Outflow to Cornish Creek MG	Net Evaporation in/day	Net Evaporation MG
2/18/2007	3894.26	700.15	787.40	18.83	114.41	35.00	11.26	23	1.42	-0.046	-0.990
2/19/2007	3894.26	700.15	787.40	18.33	110.94	35.00	11.59	23	1.42	-0.046	-0.990
2/20/2007	3894.26	700.15	787.40	17.69	106.46	35.00	12.00	23	1.42	-0.046	-0.990
2/21/2007	3894.26	700.15	787.40	20.41	125.46	35.00	10.24	23	1.42	-0.046	-0.990
2/22/2007	3894.26	700.15	787.40	28.29	180.46	35.00	5.15	23	1.42	-0.046	-0.990
2/23/2007	3894.26	700.15	787.40	33.19	214.69	35.00	1.98	23	1.42	-0.046	-0.990
2/24/2007	3894.26	700.15	787.40	25.56	161.41	35.00	6.91	23	1.42	-0.046	-0.990
2/25/2007	3894.26	700.15	787.40	23.41	146.41	35.00	8.30	23	1.42	-0.046	-0.990
2/26/2007	3894.26	700.15	787.40	25.92	163.94	35.00	6.68	23	1.42	-0.046	-0.990
2/27/2007	3894.26	700.15	787.40	29.15	186.46	35.00	4.59	23	1.42	-0.046	-0.990
2/28/2007	3894.26	700.15	787.40	24.85	156.46	35.00	7.37	23	1.42	-0.046	-0.990
3/1/2007	3894.26	700.15	787.40	30.02	192.54	35.00	5.02	23	1.42	0.000	-0.004
3/2/2007	3894.26	700.15	787.40	176.98	1218.54	35.00	0.00	23	91.39	0.000	-0.004
3/3/2007	3894.26	700.15	787.40	158.36	1088.54	35.00	0.00	23	79.35	0.000	-0.004
3/4/2007	3894.26	700.15	787.40	127.57	873.54	35.00	0.00	23	59.45	0.000	-0.004
3/5/2007	3894.26	700.15	787.40	71.13	479.54	35.00	0.00	23	22.97	0.000	-0.004
3/6/2007	3894.26	700.15	787.40	44.91	296.54	35.00	0.00	23	6.03	0.000	-0.004
3/7/2007	3894.26	700.15	787.40	35.03	227.54	35.00	1.78	23	1.42	0.000	-0.004
3/8/2007	3894.26	700.15	787.40	29.39	188.18	35.00	5.42	23	1.42	0.000	-0.004
3/9/2007	3894.26	700.15	787.40	27.72	176.46	35.00	6.51	23	1.42	0.000	-0.004
3/10/2007	3894.26	700.15	787.40	26.01	164.54	35.00	7.61	23	1.42	0.000	-0.004
3/11/2007	3894.26	700.15	787.40	25.15	158.54	35.00	8.17	23	1.42	0.000	-0.004
3/12/2007	3894.26	700.15	787.40	24.29	152.54	35.00	8.72	23	1.42	0.000	-0.004
3/13/2007	3894.26	700.15	787.40	23.07	144.05	35.00	9.51	23	1.42	0.000	-0.004
3/14/2007	3894.26	700.15	787.40	22.11	137.34	35.00	10.13	23	1.42	0.000	-0.004
3/15/2007	3894.26	700.15	787.40	21.82	135.34	35.00	10.31	23	1.42	0.000	-0.004
3/16/2007	3894.26	700.15	787.40	23.26	145.34	35.00	9.39	23	1.42	0.000	-0.004
3/17/2007	3894.26	700.15	787.40	24.83	156.34	35.00	8.37	23	1.42	0.000	-0.004
3/18/2007	3894.26	700.15	787.40	24.98	157.34	35.00	8.28	23	1.42	0.000	-0.004
3/19/2007	3894.26	700.15	787.40	24.04	150.78	35.00	8.88	23	1.42	0.000	-0.004
3/20/2007	3894.26	700.15	787.40	20.81	128.25	35.00	10.97	23	1.42	0.000	-0.004
3/21/2007	3894.26	700.15	787.40	21.82	135.28	35.00	10.32	23	1.42	0.000	-0.004
3/22/2007	3894.26	700.15	787.40	18.35	111.08	35.00	12.56	23	1.42	0.000	-0.004
3/23/2007	3894.26	700.15	787.40	18.87	114.70	35.00	12.22	23	1.42	0.000	-0.004
3/24/2007	3894.26	700.15	787.40	19.01	115.70	35.00	12.13	23	1.42	0.000	-0.004
3/25/2007	3894.26	700.15	787.40	19.01	115.70	35.00	12.13	23	1.42	0.000	-0.004
3/26/2007	3894.26	700.15	787.40	17.99	108.55	35.00	12.79	23	1.42	0.000	-0.004
3/27/2007	3894.26	700.15	787.40	17.84	107.54	35.00	12.89	23	1.42	0.000	-0.004
3/28/2007	3894.26	700.15	787.40	16.96	101.41	35.00	13.45	23	1.42	0.000	-0.004
3/29/2007	3894.26	700.15	787.40	13.61	77.96	35.00	15.62	23	1.42	0.000	-0.004
3/30/2007	3894.26	700.15	787.40	15.81	93.34	35.00	14.20	23	1.42	0.000	-0.004
3/31/2007	3894.26	700.15	787.40	15.52	91.34	35.00	14.39	23	1.42	0.000	-0.004
4/1/2007	3894.26	700.15	787.40	15.78	93.16	35.00	17.52	23	1.42	0.154	3.299
4/2/2007	3894.26	700.15	787.40	16.87	100.74	35.00	16.82	23	1.42	0.154	3.299
4/3/2007	3894.26	700.15	787.40	16.89	100.88	35.00	16.81	23	1.42	0.154	3.299
4/4/2007	3894.26	700.15	787.40	16.81	100.34	35.00	16.86	23	1.42	0.154	3.299
4/5/2007	3894.26	700.15	787.40	16.77	100.03	35.00	16.88	23	1.42	0.154	3.299
4/6/2007	3894.26	700.15	787.40	15.76	92.99	35.00	17.54	23	1.42	0.154	3.299
4/7/2007	3894.26	700.15	787.40	14.57	84.68	35.00	18.31	23	1.42	0.154	3.299
4/8/2007	3894.26	700.15	787.40	13.84	79.58	35.00	18.78	23	1.42	0.154	3.299
4/9/2007	3894.26	700.15	787.40	13.64	78.22	35.00	18.90	23	1.42	0.154	3.299
4/10/2007	3894.26	700.15	787.40	13.83	79.56	35.00	18.78	23	1.42	0.154	3.299
4/11/2007	3894.26	700.15	787.40	13.61	78.02	35.00	18.92	23	1.42	0.154	3.299

Date	Reservoir Storage Volume at beginning of day MG	Reservoir Elevation at beginning of day ft	Surface Area of Reservoir acres	Flow into reservoir from Cornish Creek cfs	Alcovy River Flow cfs	Available Flow for Pumping from Alcovy River MG	Flow Pumped from Alcovy River MG	Reservoir Yield MG	Outflow to Cornish Creek MG	Net Evaporation in/day	Net Evaporation MG
4/12/2007	3894.26	700.15	787.40	14.77	86.11	35.00	18.17	23	1.42	0.154	3.299
4/13/2007	3894.26	700.15	787.40	15.04	87.98	35.00	18.00	23	1.42	0.154	3.299
4/14/2007	3894.26	700.15	787.40	14.61	85.00	35.00	18.28	23	1.42	0.154	3.299
4/15/2007	3894.26	700.15	787.40	22.37	139.14	35.00	13.26	23	1.42	0.154	3.299
4/16/2007	3894.26	700.15	787.40	25.06	157.96	35.00	11.52	23	1.42	0.154	3.299
4/17/2007	3894.26	700.15	787.40	28.22	179.96	35.00	9.49	23	1.42	0.154	3.299
4/18/2007	3894.26	700.15	787.40	20.01	122.68	35.00	14.79	23	1.42	0.154	3.299
4/19/2007	3894.26	700.15	787.40	16.84	100.56	35.00	16.84	23	1.42	0.154	3.299
4/20/2007	3894.26	700.15	787.40	15.24	89.37	35.00	17.87	23	1.42	0.154	3.299
4/21/2007	3894.26	700.15	787.40	14.42	83.66	35.00	18.40	23	1.42	0.154	3.299
4/22/2007	3894.26	700.15	787.40	13.89	79.95	35.00	18.74	23	1.42	0.154	3.299
4/23/2007	3894.26	700.15	787.40	13.49	77.14	35.00	19.00	23	1.42	0.154	3.299
4/24/2007	3894.26	700.15	787.40	12.76	72.06	32.35	19.47	23	1.42	0.154	3.299
4/25/2007	3894.26	700.15	787.40	11.99	66.70	28.89	19.97	23	1.42	0.154	3.299
4/26/2007	3894.26	700.15	787.40	11.61	64.02	27.16	20.22	23	1.42	0.154	3.299
4/27/2007	3894.26	700.15	787.40	11.83	65.53	28.14	20.08	23	1.42	0.154	3.299
4/28/2007	3894.26	700.15	787.40	12.16	67.89	29.66	19.86	23	1.42	0.154	3.299
4/29/2007	3894.26	700.15	787.40	11.83	65.58	28.17	20.07	23	1.42	0.154	3.299
4/30/2007	3894.26	700.15	787.40	10.83	58.58	23.64	20.72	23	1.42	0.154	3.299
5/1/2007	3894.26	700.15	787.40	10.58	56.83	22.51	20.49	23	1.42	0.136	2.910
5/2/2007	3894.26	700.15	787.40	10.15	53.83	20.57	20.57	23	1.42	0.136	2.910
5/3/2007	3894.06	700.15	787.37	9.72	50.83	18.63	18.63	23	1.42	0.136	2.909
5/4/2007	3891.64	700.14	787.01	9.43	48.83	17.34	17.34	23	1.42	0.136	2.908
5/5/2007	3887.74	700.12	786.42	14.16	81.83	35.00	24.69	23	1.42	0.136	2.906
5/6/2007	3894.26	700.15	787.40	21.32	131.83	35.00	13.55	23	1.42	0.136	2.910
5/7/2007	3894.26	700.15	787.40	19.52	119.28	35.00	14.71	23	1.42	0.136	2.910
5/8/2007	3894.26	700.15	787.40	10.52	56.45	22.26	20.53	23	1.42	0.136	2.910
5/9/2007	3894.26	700.15	787.40	11.58	63.84	27.04	19.85	23	1.42	0.136	2.910
5/10/2007	3894.26	700.15	787.40	10.62	57.10	22.68	20.47	23	1.42	0.136	2.910
5/11/2007	3894.26	700.15	787.40	10.63	57.20	22.75	20.46	23	1.42	0.136	2.910
5/12/2007	3894.26	700.15	787.40	11.78	65.25	27.95	19.72	23	1.42	0.136	2.910
5/13/2007	3894.26	700.15	787.40	14.67	85.41	35.00	17.85	23	1.42	0.136	2.910
5/14/2007	3894.26	700.15	787.40	13.02	73.85	33.51	18.92	23	1.42	0.136	2.910
5/15/2007	3894.26	700.15	787.40	12.06	67.16	29.19	19.54	23	1.42	0.136	2.910
5/16/2007	3894.26	700.15	787.40	11.70	64.64	27.56	19.77	23	1.42	0.136	2.910
5/17/2007	3894.26	700.15	787.40	9.71	50.77	18.59	18.59	23	1.42	0.136	2.910
5/18/2007	3891.80	700.14	787.03	9.78	51.25	18.90	18.90	23	1.42	0.136	2.908
5/19/2007	3889.69	700.13	786.71	9.15	46.83	16.05	16.05	23	1.42	0.136	2.907
5/20/2007	3884.32	700.11	785.91	8.72	43.83	14.11	14.11	23	1.42	0.136	2.904
5/21/2007	3876.74	700.08	784.78	8.72	43.83	14.11	14.11	23	1.42	0.136	2.900
5/22/2007	3869.15	700.05	783.65	8.72	43.83	14.11	14.11	23	1.42	0.136	2.896
5/23/2007	3861.58	700.02	782.53	8.57	42.83	13.46	13.46	23	1.42	0.136	2.892
5/24/2007	3853.27	699.98	781.30	8.57	42.83	13.46	13.46	23	1.42	0.136	2.887
5/25/2007	3844.96	699.95	780.08	8.00	40.31	11.83	11.83	23	1.42	0.136	2.883
5/26/2007	3834.66	699.90	778.57	6.94	36.86	9.61	9.61	23	1.42	0.136	2.877
5/27/2007	3821.45	699.85	776.65	7.00	37.06	9.73	9.73	23	1.42	0.136	2.870
5/28/2007	3808.41	699.80	774.76	6.51	35.37	8.64	8.64	23	1.42	0.136	2.863
5/29/2007	3793.97	699.74	772.68	6.27	33.72	7.57	7.57	23	1.42	0.136	2.855
5/30/2007	3778.32	699.68	770.43	6.15	32.95	7.07	7.07	23	1.42	0.136	2.847
5/31/2007	3762.09	699.61	768.13	6.00	32.62	6.86	6.86	23	1.42	0.136	2.838
6/1/2007	3745.58	699.54	765.79	5.80	31.19	5.94	5.94	23	1.42	0.185	3.840
6/2/2007	3727.00	699.47	763.19	5.65	30.19	5.29	5.29	23	1.42	0.185	3.827
6/3/2007	3707.69	699.40	760.51	6.23	33.41	7.38	7.38	23	1.42	0.185	3.813

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6/4/2007	3690.86	699.33	758.19	6.37	34.41	8.02	8.02	23	1.42	0.185	3.802
6/5/2007	3674.77	699.27	755.98	5.94	32.19	6.58	6.58	23	1.42	0.185	3.791
6/6/2007	3656.98	699.20	753.57	5.65	30.19	5.29	5.29	23	1.42	0.185	3.778
6/7/2007	3637.73	699.13	750.97	5.37	28.19	4.00	4.00	23	1.42	0.185	3.765
6/8/2007	3617.01	699.05	748.20	4.94	25.19	2.06	2.06	23	1.42	0.185	3.752
6/9/2007	3594.08	698.96	745.17	4.65	23.22	0.79	0.79	23	1.42	0.185	3.736
6/10/2007	3569.72	698.87	741.98	5.65	30.19	5.29	5.29	23	1.42	0.185	3.720
6/11/2007	3550.52	698.80	739.49	5.51	29.19	4.64	4.64	23	1.42	0.185	3.708
6/12/2007	3530.60	698.73	736.92	5.11	26.42	2.86	2.86	23	1.42	0.185	3.695
6/13/2007	3508.65	698.65	734.12	6.34	34.22	7.90	7.90	23	1.42	0.185	3.681
6/14/2007	3492.54	698.59	732.08	6.65	35.93	9.00	9.00	23	1.42	0.185	3.671
6/15/2007	3477.75	698.54	730.23	6.22	33.36	7.34	7.34	23	1.42	0.185	3.661
6/16/2007	3461.02	698.48	728.14	8.08	40.58	12.01	12.01	23	1.42	0.185	3.651
6/17/2007	3450.18	698.44	726.79	12.84	72.58	32.69	32.69	23	1.42	0.185	3.644
6/18/2007	3463.10	698.48	728.40	8.41	41.69	12.72	12.72	23	1.42	0.185	3.652
6/19/2007	3453.19	698.45	727.16	7.47	38.59	10.72	10.72	23	1.42	0.185	3.646
6/20/2007	3440.67	698.40	725.62	6.49	35.22	8.55	8.55	23	1.42	0.185	3.638
6/21/2007	3425.35	698.35	723.73	6.22	33.36	7.34	7.34	23	1.42	0.185	3.629
6/22/2007	3408.66	698.29	721.69	5.65	30.13	5.26	5.26	23	1.42	0.185	3.619
6/23/2007	3389.52	698.22	719.37	5.07	26.13	2.67	2.67	23	1.42	0.185	3.607
6/24/2007	3367.44	698.15	716.71	4.64	23.19	0.77	0.77	23	1.42	0.185	3.594
6/25/2007	3343.20	698.06	713.82	5.22	27.13	3.32	3.32	23	1.42	0.185	3.579
6/26/2007	3321.88	697.99	711.31	5.93	32.13	6.55	6.55	23	1.42	0.185	3.567
6/27/2007	3304.28	697.93	709.24	5.07	26.13	2.67	2.67	23	1.42	0.185	3.556
6/28/2007	3282.25	697.86	706.67	5.65	30.13	5.26	5.26	23	1.42	0.185	3.543
6/29/2007	3263.19	697.79	704.47	4.93	25.13	2.02	2.02	23	1.42	0.185	3.532
6/30/2007	3240.44	697.72	701.86	4.07	21.34	0.00	0.00	23	1.42	0.185	3.519
7/1/2007	3215.13	697.64	698.98	4.68	23.36	0.88	0.88	23	1.42	0.167	3.164
7/2/2007	3191.44	697.56	696.30	11.80	65.37	28.03	28.03	23	1.42	0.167	3.152
7/3/2007	3199.53	697.58	697.21	12.37	69.34	30.59	30.59	23	1.42	0.167	3.156
7/4/2007	3210.54	697.62	698.46	15.41	90.59	35.00	35.00	23	1.42	0.167	3.162
7/5/2007	3227.92	697.68	700.43	9.17	46.99	16.15	16.15	23	1.42	0.167	3.170
7/6/2007	3222.40	697.66	699.80	7.83	39.75	11.47	11.47	23	1.42	0.167	3.168
7/7/2007	3211.34	697.62	698.55	6.97	36.96	9.67	9.67	23	1.42	0.167	3.162
7/8/2007	3197.93	697.58	697.03	7.68	39.29	11.17	11.17	23	1.42	0.167	3.155
7/9/2007	3186.49	697.54	695.75	6.54	35.57	8.77	8.77	23	1.42	0.167	3.149
7/10/2007	3171.92	697.49	694.11	6.68	36.03	9.07	9.07	23	1.42	0.167	3.142
7/11/2007	3157.74	697.45	692.53	6.39	34.58	8.13	8.13	23	1.42	0.167	3.135
7/12/2007	3142.45	697.40	690.83	9.99	52.71	19.85	19.85	23	1.42	0.167	3.127
7/13/2007	3141.21	697.39	690.69	9.83	51.62	19.14	19.14	23	1.42	0.167	3.126
7/14/2007	3139.16	697.39	690.47	7.68	39.29	11.17	11.17	23	1.42	0.167	3.125
7/15/2007	3127.75	697.35	689.20	10.18	54.04	20.71	20.71	23	1.42	0.167	3.120
7/16/2007	3127.50	697.35	689.18	6.97	36.96	9.67	9.67	23	1.42	0.167	3.120
7/17/2007	3114.13	697.31	687.70	6.54	35.57	8.77	8.77	23	1.42	0.167	3.113
7/18/2007	3099.59	697.26	686.11	6.11	32.87	7.02	7.02	23	1.42	0.167	3.106
7/19/2007	3083.04	697.21	684.29	6.54	35.57	8.77	8.77	23	1.42	0.167	3.097
7/20/2007	3068.51	697.16	682.71	6.97	36.96	9.67	9.67	23	1.42	0.167	3.090
7/21/2007	3055.17	697.12	681.26	6.40	34.64	8.17	8.17	23	1.42	0.167	3.084
7/22/2007	3039.97	697.07	679.62	5.54	29.41	4.79	4.79	23	1.42	0.167	3.076
7/23/2007	3020.84	697.01	677.55	8.41	41.69	12.72	12.72	23	1.42	0.167	3.067
7/24/2007	3011.51	696.98	676.55	12.74	71.94	32.28	32.28	23	1.42	0.167	3.062
7/25/2007	3024.54	697.02	677.95	7.97	40.22	11.77	11.77	23	1.42	0.167	3.069
7/26/2007	3013.98	696.99	676.81	7.25	37.89	10.27	10.27	23	1.42	0.167	3.064

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7/27/2007	3001.45	696.95	675.47	11.48	63.12	26.58	26.58	23	1.42	0.167	3.057
7/28/2007	3007.97	696.97	676.17	15.06	88.13	35.00	35.00	23	1.42	0.167	3.061
7/29/2007	3025.23	697.02	678.02	12.34	69.13	30.46	30.46	23	1.42	0.167	3.069
7/30/2007	3036.17	697.06	679.21	10.32	55.02	21.34	21.34	23	1.42	0.167	3.074
7/31/2007	3036.68	697.06	679.26	9.66	50.39	18.35	18.35	23	1.42	0.167	3.075
8/1/2007	3033.78	697.05	678.95	8.42	41.77	12.77	12.77	23	1.42	0.089	1.640
8/2/2007	3025.93	697.03	678.10	7.70	39.36	11.22	11.22	23	1.42	0.089	1.638
8/3/2007	3016.07	696.99	677.04	6.70	36.10	9.11	9.11	23	1.42	0.089	1.635
8/4/2007	3003.46	696.96	675.68	7.27	37.96	10.32	10.32	23	1.42	0.089	1.632
8/5/2007	2992.42	696.92	674.50	7.42	38.43	10.62	10.62	23	1.42	0.089	1.629
8/6/2007	2981.78	696.89	673.36	5.56	29.50	4.85	4.85	23	1.42	0.089	1.626
8/7/2007	2964.17	696.83	671.48	4.70	23.50	0.97	0.97	23	1.42	0.089	1.622
8/8/2007	2942.13	696.76	669.13	3.83	20.55	0.00	0.00	23	1.42	0.089	1.616
8/9/2007	2918.57	696.69	666.63	3.40	18.32	0.00	0.00	23	1.42	0.089	1.610
8/10/2007	2894.73	696.61	664.10	3.56	19.41	0.00	0.00	23	1.42	0.089	1.604
8/11/2007	2871.01	696.54	661.60	3.56	19.45	0.00	0.00	23	1.42	0.089	1.598
8/12/2007	2847.29	696.46	659.09	3.56	19.45	0.00	0.00	23	1.42	0.089	1.592
8/13/2007	2823.58	696.39	656.59	3.10	16.25	0.00	0.00	23	1.42	0.089	1.586
8/14/2007	2799.57	696.31	654.06	2.68	13.32	0.00	0.00	23	1.42	0.089	1.580
8/15/2007	2775.31	696.24	651.50	2.20	9.92	0.00	0.00	23	1.42	0.089	1.574
8/16/2007	2750.73	696.16	648.91	2.02	8.72	0.00	0.00	23	1.31	0.089	1.567
8/17/2007	2726.17	696.08	646.31	2.04	8.85	0.00	0.00	23	1.32	0.089	1.561
8/18/2007	2701.60	696.00	643.71	4.55	22.90	0.58	0.58	23	1.42	0.089	1.555
8/19/2007	2679.15	695.93	641.32	6.27	33.73	7.58	7.58	23	1.42	0.089	1.549
8/20/2007	2664.82	695.89	639.80	3.98	21.04	0.00	0.00	23	1.42	0.089	1.545
8/21/2007	2641.42	695.81	637.30	2.79	14.07	0.00	0.00	23	1.42	0.089	1.539
8/22/2007	2617.26	695.73	634.71	2.30	10.61	0.00	0.00	23	1.42	0.089	1.533
8/23/2007	2592.79	695.65	632.07	2.13	9.45	0.00	0.00	23	1.38	0.089	1.527
8/24/2007	2568.27	695.57	629.41	2.04	8.85	0.00	0.00	23	1.32	0.089	1.520
8/25/2007	2543.75	695.49	626.74	2.00	8.55	0.00	0.00	23	1.29	0.089	1.514
8/26/2007	2519.23	695.41	624.05	5.74	30.80	5.69	5.69	23	1.42	0.089	1.507
8/27/2007	2502.70	695.35	622.22	9.55	49.62	17.85	17.85	23	1.42	0.089	1.503
8/28/2007	2500.80	695.35	622.01	14.85	86.64	35.00	35.00	23	1.42	0.089	1.502
8/29/2007	2519.47	695.41	624.07	19.10	116.32	35.00	35.00	23	1.42	0.089	1.507
8/30/2007	2540.88	695.48	626.43	28.17	179.61	35.00	35.00	23	1.42	0.089	1.513
8/31/2007	2568.15	695.57	629.40	34.19	221.70	35.00	35.00	23	1.42	0.089	1.520
9/1/2007	2599.31	695.67	632.77	28.52	182.09	35.00	35.00	23	1.42	0.039	0.669
9/2/2007	2627.65	695.77	635.82	15.34	90.09	35.00	35.00	23	1.42	0.039	0.672
9/3/2007	2647.48	695.83	637.95	13.62	78.09	35.00	35.00	23	1.42	0.039	0.674
9/4/2007	2666.18	695.89	639.94	8.09	40.62	12.03	12.03	23	1.42	0.039	0.677
9/5/2007	2658.35	695.87	639.11	7.19	37.68	10.13	10.13	23	1.42	0.039	0.676
9/6/2007	2648.03	695.83	638.01	6.19	33.13	7.19	7.19	23	1.42	0.039	0.675
9/7/2007	2634.12	695.79	636.52	5.90	31.90	6.40	6.40	23	1.42	0.039	0.673
9/8/2007	2619.24	695.74	634.92	5.18	26.90	3.17	3.17	23	1.42	0.039	0.671
9/9/2007	2600.66	695.68	632.92	4.75	23.90	1.23	1.23	23	1.42	0.039	0.669
9/10/2007	2579.87	695.61	630.67	4.32	22.16	0.10	0.10	23	1.42	0.039	0.667
9/11/2007	2557.67	695.54	628.26	3.96	20.99	0.00	0.00	23	1.42	0.039	0.664
9/12/2007	2535.15	695.46	625.80	3.75	20.30	0.00	0.00	23	1.42	0.039	0.662
9/13/2007	2512.49	695.39	623.30	4.47	22.62	0.40	0.40	23	1.42	0.039	0.659
9/14/2007	2490.70	695.31	620.89	7.19	37.68	10.13	10.13	23	1.42	0.039	0.656
9/15/2007	2480.40	695.28	619.74	8.44	41.88	12.85	12.85	23	1.42	0.039	0.655
9/16/2007	2473.63	695.25	618.99	8.62	43.16	13.68	13.68	23	1.42	0.039	0.654
9/17/2007	2467.80	695.23	618.33	8.10	40.64	12.04	12.04	23	1.42	0.039	0.654

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9/18/2007	2460.00	695.21	617.46	6.04	32.73	6.93	6.93	23	1.42	0.039	0.653
9/19/2007	2445.77	695.16	615.85	4.75	23.90	1.23	1.23	23	1.42	0.039	0.651
9/20/2007	2424.99	695.09	613.50	4.47	22.62	0.40	0.40	23	1.42	0.039	0.649
9/21/2007	2403.21	695.01	611.00	3.89	20.76	0.00	0.00	23	1.42	0.039	0.646
9/22/2007	2380.66	694.93	608.40	3.89	20.76	0.00	0.00	23	1.42	0.039	0.643
9/23/2007	2358.11	694.85	605.77	4.18	21.69	0.00	0.00	23	1.42	0.039	0.640
9/24/2007	2335.75	694.77	603.13	4.04	21.23	0.00	0.00	23	1.42	0.039	0.638
9/25/2007	2313.30	694.68	600.46	3.75	20.30	0.00	0.00	23	1.42	0.039	0.635
9/26/2007	2290.67	694.60	597.73	3.89	20.76	0.00	0.00	23	1.42	0.039	0.632
9/27/2007	2268.13	694.51	594.99	3.68	20.06	0.00	0.00	23	1.42	0.039	0.629
9/28/2007	2245.46	694.42	592.19	4.04	21.23	0.00	0.00	23	1.42	0.039	0.626
9/29/2007	2223.02	694.34	589.39	4.32	22.16	0.10	0.10	23	1.42	0.039	0.623
9/30/2007	2200.87	694.25	586.58	3.29	17.57	0.00	0.00	23	1.42	0.039	0.620
10/1/2007	2177.95	694.15	583.65	2.81	14.20	0.00	0.00	23	1.42	-0.034	-0.536
10/2/2007	2155.88	694.06	580.78	2.68	13.30	0.00	0.00	23	1.42	-0.034	-0.533
10/3/2007	2133.73	693.97	577.86	2.34	10.90	0.00	0.00	23	1.42	-0.034	-0.530
10/4/2007	2111.35	693.88	574.88	2.21	10.00	0.00	0.00	23	1.42	-0.034	-0.528
10/5/2007	2088.88	693.78	571.83	2.41	11.40	0.00	0.00	23	1.42	-0.034	-0.525
10/6/2007	2066.54	693.68	568.76	2.97	15.29	0.00	0.00	23	1.42	-0.034	-0.522
10/7/2007	2044.56	693.58	565.70	3.37	18.10	0.00	0.00	23	1.42	-0.034	-0.519
10/8/2007	2022.83	693.48	562.62	3.51	19.10	0.00	0.00	23	1.42	-0.034	-0.516
10/9/2007	2001.19	693.38	559.52	3.15	16.59	0.00	0.00	23	1.42	-0.034	-0.514
10/10/2007	1979.32	693.28	556.33	4.37	22.31	0.20	0.20	23	1.42	-0.034	-0.511
10/11/2007	1958.44	693.18	553.24	4.37	22.31	0.20	0.20	23	1.42	-0.034	-0.508
10/12/2007	1937.55	693.08	550.11	5.09	26.23	2.73	2.73	23	1.42	-0.034	-0.505
10/13/2007	1919.65	692.99	547.39	3.80	20.45	0.00	0.00	23	1.42	-0.034	-0.502
10/14/2007	1898.18	692.88	544.08	3.07	16.00	0.00	0.00	23	1.42	-0.034	-0.499
10/15/2007	1876.24	692.76	540.64	3.00	15.50	0.00	0.00	23	1.42	-0.034	-0.496
10/16/2007	1854.25	692.65	537.14	2.54	12.30	0.00	0.00	23	1.42	-0.034	-0.493
10/17/2007	1831.97	692.53	533.54	2.49	12.00	0.00	0.00	23	1.42	-0.034	-0.490
10/18/2007	1809.65	692.41	529.87	2.54	12.30	0.00	0.00	23	1.42	-0.034	-0.486
10/19/2007	1787.35	692.28	526.15	3.98	21.06	0.00	0.00	23	1.42	-0.034	-0.483
10/20/2007	1765.99	692.16	522.53	3.94	20.92	0.00	0.00	23	1.42	-0.034	-0.480
10/21/2007	1744.59	692.03	518.84	3.80	20.45	0.00	0.00	23	1.42	-0.034	-0.476
10/22/2007	1723.10	691.91	515.08	4.51	22.77	0.50	0.50	23	1.42	-0.034	-0.473
10/23/2007	1702.57	691.78	511.44	5.66	30.23	5.32	5.32	23	1.42	-0.034	-0.469
10/24/2007	1687.59	691.69	508.74	5.66	30.23	5.32	5.32	23	1.42	-0.034	-0.467
10/25/2007	1672.61	691.59	506.02	7.52	38.76	10.83	10.83	23	1.42	-0.034	-0.465
10/26/2007	1664.35	691.54	504.51	7.67	39.23	11.13	11.13	23	1.42	-0.034	-0.463
10/27/2007	1656.48	691.49	503.05	6.95	36.90	9.63	9.63	23	1.42	-0.034	-0.462
10/28/2007	1646.64	691.43	501.23	5.66	30.23	5.32	5.32	23	1.42	-0.034	-0.460
10/29/2007	1631.66	691.33	498.42	5.09	26.23	2.73	2.73	23	1.42	-0.034	-0.458
10/30/2007	1613.71	691.21	495.03	4.51	22.77	0.50	0.50	23	1.42	-0.034	-0.454
10/31/2007	1593.16	691.07	491.08	3.94	20.92	0.00	0.00	23	1.42	-0.034	-0.451
11/1/2007	1571.74	690.93	486.91	4.13	21.53	0.00	0.00	23	1.42	-0.086	-1.139
11/2/2007	1551.13	690.78	482.83	5.28	27.55	3.59	3.59	23	1.42	-0.086	-1.130
11/3/2007	1534.83	690.67	479.57	5.13	26.55	2.94	2.94	23	1.42	-0.086	-1.122
11/4/2007	1517.79	690.54	476.12	5.13	26.55	2.94	2.94	23	1.42	-0.086	-1.114
11/5/2007	1500.75	690.42	472.62	4.99	25.55	2.30	2.30	23	1.42	-0.086	-1.106
11/6/2007	1482.95	690.28	468.94	4.85	24.55	1.65	1.65	23	1.42	-0.086	-1.097
11/7/2007	1464.41	690.14	465.04	4.42	22.46	0.30	0.30	23	1.42	-0.086	-1.088
11/8/2007	1444.23	689.98	460.75	3.84	20.60	0.00	0.00	23	1.42	-0.086	-1.078
11/9/2007	1423.37	689.82	456.26	3.84	20.60	0.00	0.00	23	1.42	-0.086	-1.067

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11/10/2007	1402.50	689.65	451.70	3.99	21.07	0.00	0.00	23	1.42	-0.086	-1.057
11/11/2007	1381.71	689.48	447.10	4.13	21.53	0.00	0.00	23	1.42	-0.086	-1.046
11/12/2007	1361.00	689.30	442.46	4.13	21.53	0.00	0.00	23	1.42	-0.086	-1.035
11/13/2007	1340.29	689.12	437.76	4.08	21.38	0.00	0.00	23	1.42	-0.086	-1.024
11/14/2007	1319.53	688.94	432.98	4.14	21.57	0.00	0.00	23	1.42	-0.086	-1.013
11/15/2007	1298.79	688.75	428.16	4.28	22.03	0.02	0.02	23	1.42	-0.086	-1.002
11/16/2007	1278.16	688.57	423.29	5.29	27.63	3.64	3.64	23	1.42	-0.086	-0.990
11/17/2007	1261.79	688.41	419.39	5.72	30.63	5.58	5.58	23	1.42	-0.086	-0.981
11/18/2007	1247.62	688.28	415.99	6.15	32.95	7.08	7.08	23	1.42	-0.086	-0.973
11/19/2007	1235.22	688.16	412.98	5.00	25.63	2.35	2.35	23	1.42	-0.086	-0.966
11/20/2007	1217.34	687.99	408.62	4.28	22.03	0.02	0.02	23	1.42	-0.086	-0.956
11/21/2007	1196.66	687.78	403.52	4.86	24.63	1.70	1.70	23	1.42	-0.086	-0.944
11/22/2007	1178.02	687.59	398.87	6.15	32.95	7.08	7.08	23	1.42	-0.086	-0.933
11/23/2007	1165.58	687.47	395.74	6.29	33.86	7.66	7.66	23	1.42	-0.086	-0.926
11/24/2007	1153.81	687.35	392.76	13.24	75.40	34.51	34.51	23	1.42	-0.086	-0.919
11/25/2007	1173.38	687.55	397.70	11.23	61.40	25.46	25.46	23	1.42	-0.086	-0.930
11/26/2007	1182.61	687.64	400.01	10.23	54.40	20.94	20.94	23	1.42	-0.086	-0.936
11/27/2007	1186.67	687.68	401.03	10.78	58.24	23.42	23.42	23	1.42	-0.086	-0.938
11/28/2007	1193.58	687.75	402.75	14.29	82.73	35.00	35.00	23	1.42	-0.086	-0.942
11/29/2007	1214.33	687.96	407.88	9.43	48.80	17.32	17.32	23	1.42	-0.086	-0.954
11/30/2007	1214.28	687.96	407.87	11.73	64.85	27.69	27.69	23	1.42	-0.086	-0.954
12/1/2007	1226.09	688.07	410.76	5.14	26.57	2.95	2.95	23	1.42	-0.039	-0.438
12/2/2007	1208.37	687.90	406.41	4.42	22.47	0.30	0.30	23	1.42	-0.039	-0.434
12/3/2007	1187.54	687.69	401.25	6.14	32.93	7.06	7.06	23	1.42	-0.039	-0.428
12/4/2007	1174.58	687.56	398.00	7.57	38.92	10.94	10.94	23	1.42	-0.039	-0.425
12/5/2007	1166.41	687.48	395.95	9.03	46.01	15.52	15.52	23	1.42	-0.039	-0.423
12/6/2007	1163.77	687.45	395.28	7.18	37.66	10.12	10.12	23	1.42	-0.039	-0.422
12/7/2007	1154.53	687.35	392.94	5.93	32.12	6.54	6.54	23	1.42	-0.039	-0.419
12/8/2007	1140.91	687.21	389.47	6.70	36.10	9.11	9.11	23	1.42	-0.039	-0.416
12/9/2007	1130.34	687.10	386.76	6.56	35.63	8.81	8.81	23	1.42	-0.039	-0.413
12/10/2007	1119.38	686.98	383.94	6.41	34.72	8.22	8.22	23	1.42	-0.039	-0.410
12/11/2007	1107.73	686.86	380.92	6.61	35.80	8.92	8.92	23	1.42	-0.039	-0.407
12/12/2007	1096.91	686.74	378.10	6.57	35.67	8.83	8.83	23	1.42	-0.039	-0.404
12/13/2007	1085.97	686.62	375.23	6.42	34.79	8.27	8.27	23	1.42	-0.039	-0.401
12/14/2007	1074.36	686.49	372.18	6.42	34.79	8.27	8.27	23	1.42	-0.039	-0.397
12/15/2007	1062.76	686.36	369.11	6.85	36.60	9.43	9.43	23	1.42	-0.039	-0.394
12/16/2007	1052.60	686.24	366.40	13.68	78.48	35.00	35.00	23	1.42	-0.039	-0.391
12/17/2007	1072.41	686.46	371.66	14.04	80.98	35.00	35.00	23	1.42	-0.039	-0.397
12/18/2007	1092.45	686.69	376.94	15.30	89.80	35.00	35.00	23	1.42	-0.039	-0.402
12/19/2007	1113.32	686.92	382.37	9.98	52.65	19.81	19.81	23	1.42	-0.039	-0.408
12/20/2007	1115.57	686.94	382.95	8.15	40.80	12.15	12.15	23	1.42	-0.039	-0.409
12/21/2007	1108.98	686.87	381.25	8.44	41.91	12.87	12.87	23	1.42	-0.039	-0.407
12/22/2007	1103.29	686.81	379.76	8.00	40.30	11.83	11.83	23	1.42	-0.039	-0.405
12/23/2007	1096.27	686.73	377.93	9.15	46.84	16.05	16.05	23	1.42	-0.039	-0.403
12/24/2007	1094.21	686.71	377.40	9.68	50.57	18.46	18.46	23	1.42	-0.039	-0.403
12/25/2007	1094.91	686.71	377.58	11.29	61.81	25.73	25.73	23	1.42	-0.039	-0.403
12/26/2007	1103.92	686.81	379.93	10.93	59.29	24.10	24.10	23	1.42	-0.039	-0.406
12/27/2007	1111.07	686.89	381.79	8.84	44.70	14.67	14.67	23	1.42	-0.039	-0.407
12/28/2007	1107.44	686.85	380.85	12.57	70.75	31.51	31.51	23	1.42	-0.039	-0.406
12/29/2007	1123.06	687.02	384.89	16.08	95.21	35.00	35.00	23	1.42	-0.039	-0.411
12/30/2007	1144.44	687.25	390.37	28.79	184.00	35.00	35.00	23	1.42	-0.039	-0.417
12/31/2007	1174.04	687.55	397.87	46.15	305.15	35.00	35.00	23	1.42	-0.039	-0.425
1/1/2008	1214.87	687.96	408.01	49.20	326.42	35.00	35.00	23	1.42	-0.072	-0.793



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1/2/2008	1258.04	688.38	418.49	47.95	317.72	35.00	35.00	23	1.42	-0.072	-0.814
1/3/2008	1300.42	688.77	428.54	28.78	183.87	35.00	35.00	23	1.42	-0.072	-0.833
1/4/2008	1330.43	689.04	435.50	19.43	118.61	35.00	35.00	23	1.42	-0.072	-0.847
1/5/2008	1354.41	689.25	440.97	16.64	99.14	35.00	35.00	23	1.42	-0.072	-0.857
1/6/2008	1376.60	689.43	445.96	14.54	84.47	35.00	35.00	23	1.42	-0.072	-0.867
1/7/2008	1397.44	689.61	450.59	13.80	79.32	35.00	35.00	23	1.42	-0.072	-0.876
1/8/2008	1417.81	689.77	455.05	11.04	60.05	24.59	24.59	23	1.42	-0.072	-0.885
1/9/2008	1426.00	689.84	456.83	12.25	68.47	30.04	30.04	23	1.42	-0.072	-0.888
1/10/2008	1440.42	689.95	459.94	13.94	80.33	35.00	35.00	23	1.42	-0.072	-0.894
1/11/2008	1460.90	690.11	464.30	16.95	101.33	35.00	35.00	23	1.42	-0.072	-0.903
1/12/2008	1483.34	690.28	469.02	20.09	123.24	35.00	35.00	23	1.42	-0.072	-0.912
1/13/2008	1507.81	690.47	474.08	24.46	153.71	35.00	35.00	23	1.42	-0.072	-0.922
1/14/2008	1535.12	690.67	479.63	18.34	111.04	35.00	35.00	23	1.42	-0.072	-0.932
1/15/2008	1558.49	690.83	484.29	15.99	94.59	35.00	35.00	23	1.42	-0.072	-0.942
1/16/2008	1580.34	690.99	488.59	14.11	81.45	35.00	35.00	23	1.42	-0.072	-0.950
1/17/2008	1600.98	691.13	492.59	17.76	106.98	35.00	35.00	23	1.42	-0.072	-0.958
1/18/2008	1624.00	691.28	496.98	21.06	129.98	35.00	35.00	23	1.42	-0.072	-0.966
1/19/2008	1649.15	691.44	501.70	23.97	150.34	35.00	35.00	23	1.42	-0.072	-0.975
1/20/2008	1676.20	691.62	506.68	22.28	138.55	35.00	35.00	23	1.42	-0.072	-0.985
1/21/2008	1702.16	691.78	511.37	17.76	106.99	35.00	35.00	23	1.42	-0.072	-0.994
1/22/2008	1725.22	691.92	515.46	17.35	104.11	35.00	35.00	23	1.42	-0.072	-1.002
1/23/2008	1748.01	692.05	519.44	16.15	95.71	35.00	35.00	23	1.42	-0.072	-1.010
1/24/2008	1770.04	692.18	523.22	15.74	92.84	35.00	35.00	23	1.42	-0.072	-1.017
1/25/2008	1791.80	692.31	526.90	14.81	86.37	35.00	35.00	23	1.42	-0.072	-1.024
1/26/2008	1812.98	692.42	530.42	13.53	77.42	35.00	35.00	23	1.42	-0.072	-1.031
1/27/2008	1833.33	692.54	533.76	12.81	72.42	32.59	32.59	23	1.42	-0.072	-1.038
1/28/2008	1850.81	692.63	536.59	11.93	66.26	28.61	28.61	23	1.42	-0.072	-1.043
1/29/2008	1863.75	692.70	538.66	11.09	60.40	24.82	24.82	23	1.42	-0.072	-1.047
1/30/2008	1872.36	692.74	540.03	13.32	75.98	34.89	34.89	23	1.42	-0.072	-1.050
1/31/2008	1892.49	692.85	543.19	12.75	72.02	32.33	32.33	23	1.42	-0.072	-1.056
2/1/2008	1909.69	692.94	545.86	24.44	153.62	35.00	35.00	23	1.42	-0.046	-0.686
2/2/2008	1936.75	693.07	549.99	36.89	240.48	35.00	35.00	23	1.42	-0.046	-0.692
2/3/2008	1971.86	693.24	555.23	50.51	335.62	35.00	35.00	23	1.42	-0.046	-0.698
2/4/2008	2015.78	693.45	561.62	36.71	239.29	35.00	35.00	23	1.42	-0.046	-0.706
2/5/2008	2050.80	693.61	566.57	25.80	163.08	35.00	35.00	23	1.42	-0.046	-0.712
2/6/2008	2078.76	693.73	570.45	23.03	143.77	35.00	35.00	23	1.42	-0.046	-0.717
2/7/2008	2104.94	693.85	574.01	21.93	136.09	35.00	35.00	23	1.42	-0.046	-0.722
2/8/2008	2130.42	693.96	577.42	21.98	136.41	35.00	35.00	23	1.42	-0.046	-0.726
2/9/2008	2155.92	694.06	580.79	19.37	118.21	35.00	35.00	23	1.42	-0.046	-0.730
2/10/2008	2179.75	694.16	583.88	14.98	87.57	35.00	35.00	23	1.42	-0.046	-0.734
2/11/2008	2200.75	694.25	586.57	15.42	90.65	35.00	35.00	23	1.42	-0.046	-0.738
2/12/2008	2222.03	694.33	589.26	14.73	85.80	35.00	35.00	23	1.42	-0.046	-0.741
2/13/2008	2242.87	694.41	591.87	13.81	79.40	35.00	35.00	23	1.42	-0.046	-0.744
2/14/2008	2263.12	694.49	594.37	14.77	86.08	35.00	35.00	23	1.42	-0.046	-0.747
2/15/2008	2283.99	694.57	596.92	14.43	83.73	35.00	35.00	23	1.42	-0.046	-0.751
2/16/2008	2304.64	694.65	599.42	12.67	71.41	31.93	31.93	23	1.42	-0.046	-0.754
2/17/2008	2321.09	694.71	601.39	10.37	55.35	21.56	21.56	23	1.42	-0.046	-0.756
2/18/2008	2325.68	694.73	601.94	16.18	95.93	35.00	35.00	23	1.42	-0.046	-0.757
2/19/2008	2347.47	694.81	604.52	18.10	109.31	35.00	35.00	23	1.42	-0.046	-0.760
2/20/2008	2370.51	694.89	607.22	19.02	115.73	35.00	35.00	23	1.42	-0.046	-0.763
2/21/2008	2394.14	694.98	609.96	16.23	96.31	35.00	35.00	23	1.42	-0.046	-0.767
2/22/2008	2415.98	695.05	612.47	26.24	166.15	35.00	35.00	23	1.42	-0.046	-0.770
2/23/2008	2444.28	695.15	615.68	49.39	327.79	35.00	35.00	23	1.42	-0.046	-0.774

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2/24/2008	2487.55	695.30	620.54	67.59	454.81	35.00	35.00	23	1.42	-0.046	-0.780
2/25/2008	2542.59	695.49	626.61	53.52	356.62	35.00	35.00	23	1.42	-0.046	-0.788
2/26/2008	2588.55	695.64	631.61	36.27	236.18	35.00	35.00	23	1.42	-0.046	-0.794
2/27/2008	2623.36	695.75	635.36	38.70	253.18	35.00	35.00	23	1.42	-0.046	-0.799
2/28/2008	2659.76	695.87	639.26	47.59	315.18	35.00	35.00	23	1.42	-0.046	-0.804
2/29/2008	2701.89	696.01	643.74	35.84	233.18	35.00	35.00	23	1.42	-0.046	-0.809
3/1/2008	2736.44	696.12	647.40	27.24	173.15	35.00	35.00	23	1.42	0.000	-0.003
3/2/2008	2764.63	696.20	650.37	24.23	152.15	35.00	35.00	23	1.42	0.000	-0.003
3/3/2008	2790.87	696.29	653.14	22.00	136.59	35.00	35.00	23	1.42	0.000	-0.003
3/4/2008	2815.67	696.37	655.76	23.78	149.02	35.00	35.00	23	1.42	0.000	-0.003
3/5/2008	2841.63	696.45	658.49	40.62	266.59	35.00	35.00	23	1.42	0.000	-0.003
3/6/2008	2878.47	696.56	662.38	57.10	381.59	35.00	35.00	23	1.42	0.000	-0.003
3/7/2008	2925.95	696.71	667.41	55.67	371.59	35.00	35.00	23	1.42	0.000	-0.004
3/8/2008	2972.51	696.86	672.37	43.20	284.59	35.00	35.00	23	1.42	0.000	-0.004
3/9/2008	3011.01	696.98	676.49	39.77	260.59	35.00	35.00	23	1.42	0.000	-0.004
3/10/2008	3047.29	697.09	680.41	31.17	200.59	35.00	35.00	23	1.42	0.000	-0.004
3/11/2008	3078.02	697.19	683.75	25.73	162.59	35.00	35.00	23	1.42	0.000	-0.004
3/12/2008	3105.23	697.28	686.72	23.52	147.15	35.00	35.00	23	1.42	0.000	-0.004
3/13/2008	3131.01	697.36	689.56	21.92	136.01	35.00	35.00	23	1.42	0.000	-0.004
3/14/2008	3155.76	697.44	692.31	20.99	129.51	35.00	35.00	23	1.42	0.000	-0.004
3/15/2008	3179.91	697.52	695.01	26.36	167.02	35.00	35.00	23	1.42	0.000	-0.004
3/16/2008	3207.53	697.61	698.12	31.95	206.02	35.00	35.00	23	1.42	0.000	-0.004
3/17/2008	3238.76	697.71	701.67	28.08	179.02	35.00	35.00	23	1.42	0.000	-0.004
3/18/2008	3267.49	697.81	704.97	23.21	145.02	35.00	35.00	23	1.42	0.000	-0.004
3/19/2008	3293.07	697.89	707.93	22.21	138.02	35.00	35.00	23	1.42	0.000	-0.004
3/20/2008	3318.01	697.98	710.85	30.66	197.02	35.00	35.00	23	1.42	0.000	-0.004
3/21/2008	3348.40	698.08	714.44	41.83	275.02	35.00	35.00	23	1.42	0.000	-0.004
3/22/2008	3386.02	698.21	718.95	42.41	279.02	35.00	35.00	23	1.42	0.000	-0.004
3/23/2008	3424.01	698.34	723.57	28.23	180.02	35.00	35.00	23	1.42	0.000	-0.004
3/24/2008	3452.84	698.45	727.12	23.35	146.02	35.00	35.00	23	1.42	0.000	-0.004
3/25/2008	3478.51	698.54	730.32	20.78	128.02	35.00	35.00	23	1.42	0.000	-0.004
3/26/2008	3502.52	698.62	733.35	18.91	115.02	35.00	35.00	23	1.42	0.000	-0.004
3/27/2008	3525.33	698.71	736.25	17.48	105.02	35.00	35.00	23	1.42	0.000	-0.004
3/28/2008	3547.21	698.79	739.06	17.33	103.93	35.00	35.00	23	1.42	0.000	-0.004
3/29/2008	3568.99	698.87	741.88	17.49	105.07	35.00	35.00	23	1.42	0.000	-0.004
3/30/2008	3590.87	698.95	744.75	25.51	161.07	35.00	35.00	23	1.42	0.000	-0.004
3/31/2008	3617.94	699.05	748.33	29.38	188.07	35.00	35.00	23	1.42	0.000	-0.004
4/1/2008	3647.51	699.16	752.29	27.34	173.84	35.00	35.00	23	1.42	0.154	3.152
4/2/2008	3672.61	699.26	755.69	23.33	145.84	35.00	35.00	23	1.42	0.154	3.167
4/3/2008	3695.10	699.35	758.77	20.89	128.84	35.00	35.00	23	1.42	0.154	3.180
4/4/2008	3716.00	699.43	761.66	19.75	120.84	35.00	35.00	23	1.42	0.154	3.192
4/5/2008	3736.15	699.51	764.47	30.78	197.84	35.00	35.00	23	1.42	0.154	3.203
4/6/2008	3763.42	699.62	768.31	53.27	354.84	35.00	35.00	23	1.42	0.154	3.220
4/7/2008	3805.20	699.78	774.29	71.17	479.84	35.00	35.00	23	1.42	0.154	3.245
4/8/2008	3858.53	700.00	782.08	61.00	408.84	35.00	24.00	23	1.42	0.154	3.277
4/9/2008	3894.26	700.15	787.40	37.51	244.84	35.00	3.48	23	1.42	0.154	3.299
4/10/2008	3894.26	700.15	787.40	29.06	185.84	35.00	8.94	23	1.42	0.154	3.299
4/11/2008	3894.26	700.15	787.40	25.33	159.84	35.00	11.35	23	1.42	0.154	3.299
4/12/2008	3894.26	700.15	787.40	34.65	224.84	35.00	5.33	23	1.42	0.154	3.299
4/13/2008	3894.26	700.15	787.40	40.52	265.84	35.00	1.53	23	1.42	0.154	3.299
4/14/2008	3894.26	700.15	787.40	35.08	227.90	35.00	5.05	23	1.42	0.154	3.299
4/15/2008	3894.26	700.15	787.40	26.34	166.89	35.00	10.70	23	1.42	0.154	3.299
4/16/2008	3894.26	700.15	787.40	22.87	142.62	35.00	12.94	23	1.42	0.154	3.299



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4/17/2008	3894.26	700.15	787.40	20.61	126.84	35.00	14.40	23	1.42	0.154	3.299
4/18/2008	3894.26	700.15	787.40	18.75	113.84	35.00	15.61	23	1.42	0.154	3.299
4/19/2008	3894.26	700.15	787.40	17.74	106.84	35.00	16.25	23	1.42	0.154	3.299
4/20/2008	3894.26	700.15	787.40	17.75	106.90	35.00	16.25	23	1.42	0.154	3.299
4/21/2008	3894.26	700.15	787.40	17.03	101.89	35.00	16.71	23	1.42	0.154	3.299
4/22/2008	3894.26	700.15	787.40	15.46	90.89	35.00	17.73	23	1.42	0.154	3.299
4/23/2008	3894.26	700.15	787.40	14.74	85.89	35.00	18.19	23	1.42	0.154	3.299
4/24/2008	3894.26	700.15	787.40	14.17	81.89	35.00	18.56	23	1.42	0.154	3.299
4/25/2008	3894.26	700.15	787.40	14.13	81.62	35.00	18.59	23	1.42	0.154	3.299
4/26/2008	3894.26	700.15	787.40	13.59	77.84	35.00	18.94	23	1.42	0.154	3.299
4/27/2008	3894.26	700.15	787.40	13.88	79.84	35.00	18.75	23	1.42	0.154	3.299
4/28/2008	3894.26	700.15	787.40	15.31	89.84	35.00	17.83	23	1.42	0.154	3.299
4/29/2008	3894.26	700.15	787.40	16.31	96.84	35.00	17.18	23	1.42	0.154	3.299
4/30/2008	3894.26	700.15	787.40	17.17	102.84	35.00	16.62	23	1.42	0.154	3.299
5/1/2008	3894.26	700.15	787.40	13.87	79.78	35.00	18.37	23	1.42	0.136	2.910
5/2/2008	3894.26	700.15	787.40	12.85	72.67	32.75	19.03	23	1.42	0.136	2.910
5/3/2008	3894.26	700.15	787.40	12.00	66.78	28.94	19.57	23	1.42	0.136	2.910
5/4/2008	3894.26	700.15	787.40	11.57	63.78	27.00	19.85	23	1.42	0.136	2.910
5/5/2008	3894.26	700.15	787.40	11.14	60.78	25.07	20.13	23	1.42	0.136	2.910
5/6/2008	3894.26	700.15	787.40	10.43	55.78	21.83	20.59	23	1.42	0.136	2.910
5/7/2008	3894.26	700.15	787.40	11.78	65.20	27.92	19.72	23	1.42	0.136	2.910
5/8/2008	3894.26	700.15	787.40	7.28	37.99	10.33	10.33	23	1.42	0.136	2.910
5/9/2008	3881.97	700.10	785.56	9.43	48.78	17.31	17.31	23	1.42	0.136	2.903
5/10/2008	3878.04	700.08	784.98	9.28	47.78	16.66	16.66	23	1.42	0.136	2.901
5/11/2008	3873.38	700.06	784.28	14.58	84.78	35.00	35.00	23	1.42	0.136	2.898
5/12/2008	3890.49	700.14	786.83	18.02	108.78	35.00	19.45	23	1.42	0.136	2.907
5/13/2008	3894.26	700.15	787.40	20.61	126.87	35.00	14.01	23	1.42	0.136	2.910
5/14/2008	3894.26	700.15	787.40	12.75	72.01	32.32	19.09	23	1.42	0.136	2.910
5/15/2008	3894.26	700.15	787.40	11.72	64.78	27.65	19.76	23	1.42	0.136	2.910
5/16/2008	3894.26	700.15	787.40	14.73	85.78	35.00	17.81	23	1.42	0.136	2.910
5/17/2008	3894.26	700.15	787.40	18.74	113.78	35.00	15.22	23	1.42	0.136	2.910
5/18/2008	3894.26	700.15	787.40	18.31	110.78	35.00	15.50	23	1.42	0.136	2.910
5/19/2008	3894.26	700.15	787.40	13.87	79.78	35.00	18.37	23	1.42	0.136	2.910
5/20/2008	3894.26	700.15	787.40	11.75	65.04	27.81	19.73	23	1.42	0.136	2.910
5/21/2008	3894.26	700.15	787.40	13.91	80.10	35.00	18.34	23	1.42	0.136	2.910
5/22/2008	3894.26	700.15	787.40	14.21	82.16	35.00	18.15	23	1.42	0.136	2.910
5/23/2008	3894.26	700.15	787.40	13.55	77.57	35.00	18.57	23	1.42	0.136	2.910
5/24/2008	3894.26	700.15	787.40	17.71	106.65	35.00	15.88	23	1.42	0.136	2.910
5/25/2008	3894.26	700.15	787.40	11.96	66.47	28.74	19.60	23	1.42	0.136	2.910
5/26/2008	3894.26	700.15	787.40	13.09	74.33	33.82	18.87	23	1.42	0.136	2.910
5/27/2008	3894.26	700.15	787.40	11.27	61.69	25.65	20.05	23	1.42	0.136	2.910
5/28/2008	3894.26	700.15	787.40	7.57	38.92	10.93	10.93	23	1.42	0.136	2.910
5/29/2008	3882.75	700.10	785.68	8.18	40.89	12.21	12.21	23	1.42	0.136	2.903
5/30/2008	3872.92	700.06	784.21	7.64	39.14	11.08	11.08	23	1.42	0.136	2.898
5/31/2008	3861.62	700.02	782.54	8.00	40.32	11.84	11.84	23	1.42	0.136	2.892
6/1/2008	3851.31	699.97	781.02	8.05	40.47	11.94	11.94	23	1.42	0.185	3.916
6/2/2008	3840.11	699.93	779.37	7.51	38.72	10.80	10.80	23	1.42	0.185	3.908
6/3/2008	3827.44	699.87	777.52	6.61	35.80	8.92	8.92	23	1.42	0.185	3.899
6/4/2008	3812.30	699.81	775.32	6.18	33.06	7.15	7.15	23	1.42	0.185	3.887
6/5/2008	3795.13	699.74	772.84	5.75	30.89	5.74	5.74	23	1.42	0.185	3.875
6/6/2008	3776.30	699.67	770.15	5.27	27.50	3.55	3.55	23	1.42	0.185	3.862
6/7/2008	3754.97	699.58	767.12	5.03	25.85	2.49	2.49	23	1.42	0.185	3.846
6/8/2008	3732.44	699.49	763.95	5.18	26.85	3.13	3.13	23	1.42	0.185	3.830

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6/9/2008	3710.67	699.41	760.92	4.54	22.84	0.55	0.55	23	1.42	0.185	3.815
6/10/2008	3685.91	699.31	757.51	4.23	21.86	0.00	0.00	23	1.42	0.185	3.798
6/11/2008	3660.42	699.21	754.03	3.72	20.20	0.00	0.00	23	1.42	0.185	3.781
6/12/2008	3634.63	699.11	750.56	4.87	24.74	1.77	1.77	23	1.42	0.185	3.763
6/13/2008	3611.36	699.03	747.45	5.78	31.07	5.86	5.86	23	1.42	0.185	3.748
6/14/2008	3592.79	698.96	745.00	5.84	31.50	6.14	6.14	23	1.42	0.185	3.735
6/15/2008	3574.55	698.89	742.61	5.36	28.10	3.94	3.94	23	1.42	0.185	3.723
6/16/2008	3553.81	698.81	739.91	5.03	25.85	2.49	2.49	23	1.42	0.185	3.710
6/17/2008	3531.42	698.73	737.03	6.20	33.24	7.26	7.26	23	1.42	0.185	3.695
6/18/2008	3514.58	698.67	734.88	5.04	25.90	2.52	2.52	23	1.42	0.185	3.685
6/19/2008	3492.25	698.59	732.05	4.04	21.23	0.00	0.00	23	1.42	0.185	3.671
6/20/2008	3466.76	698.50	728.85	3.75	20.30	0.00	0.00	23	1.42	0.185	3.654
6/21/2008	3441.11	698.41	725.67	3.16	16.67	0.00	0.00	23	1.42	0.185	3.639
6/22/2008	3415.09	698.31	722.48	3.28	17.48	0.00	0.00	23	1.42	0.185	3.623
6/23/2008	3389.17	698.22	719.33	4.95	25.26	2.11	2.11	23	1.42	0.185	3.607
6/24/2008	3366.44	698.14	716.60	5.33	27.90	3.81	3.81	23	1.42	0.185	3.593
6/25/2008	3345.68	698.07	714.12	4.32	22.16	0.10	0.10	23	1.42	0.185	3.581
6/26/2008	3320.58	697.99	711.15	3.29	17.59	0.00	0.00	23	1.42	0.185	3.566
6/27/2008	3294.72	697.90	708.12	3.26	17.36	0.00	0.00	23	1.42	0.185	3.551
6/28/2008	3268.86	697.81	705.12	3.17	16.72	0.00	0.00	23	1.42	0.185	3.536
6/29/2008	3242.95	697.73	702.15	3.60	19.72	0.00	0.00	23	1.42	0.185	3.521
6/30/2008	3217.33	697.64	699.23	7.01	37.09	9.75	9.75	23	1.42	0.185	3.506
7/1/2008	3203.68	697.60	697.68	6.35	34.28	7.94	7.94	23	1.42	0.167	3.158
7/2/2008	3188.14	697.55	695.93	5.49	29.05	4.56	4.56	23	1.42	0.167	3.150
7/3/2008	3168.68	697.48	693.75	3.77	20.37	0.00	0.00	23	1.42	0.167	3.140
7/4/2008	3143.56	697.40	690.95	3.03	15.72	0.00	0.00	23	1.42	0.167	3.128
7/5/2008	3117.96	697.32	688.12	3.11	16.28	0.00	0.00	23	1.42	0.167	3.115
7/6/2008	3092.43	697.24	685.32	3.97	21.02	0.00	0.00	23	1.42	0.167	3.102
7/7/2008	3067.48	697.16	682.60	3.68	20.07	0.00	0.00	23	1.42	0.167	3.090
7/8/2008	3042.35	697.08	679.87	3.49	18.92	0.00	0.00	23	1.42	0.167	3.077
7/9/2008	3017.10	697.00	677.15	3.92	20.86	0.00	0.00	23	1.42	0.167	3.065
7/10/2008	2992.15	696.92	674.47	5.93	32.13	6.55	6.55	23	1.42	0.167	3.053
7/11/2008	2975.06	696.87	672.64	9.64	50.26	18.26	18.26	23	1.42	0.167	3.045
7/12/2008	2972.08	696.86	672.32	13.27	75.61	34.65	34.65	23	1.42	0.167	3.043
7/13/2008	2987.84	696.91	674.01	12.84	72.63	32.72	32.72	23	1.42	0.167	3.051
7/14/2008	3001.38	696.95	675.46	7.82	39.72	11.45	11.45	23	1.42	0.167	3.057
7/15/2008	2990.41	696.91	674.28	8.64	43.32	13.78	13.78	23	1.42	0.167	3.052
7/16/2008	2982.30	696.89	673.42	6.92	36.82	9.58	9.58	23	1.42	0.167	3.048
7/17/2008	2968.89	696.85	671.98	5.06	26.05	2.62	2.62	23	1.42	0.167	3.042
7/18/2008	2947.31	696.78	669.68	4.06	21.30	0.00	0.00	23	1.42	0.167	3.031
7/19/2008	2922.48	696.70	667.04	3.49	18.92	0.00	0.00	23	1.42	0.167	3.019
7/20/2008	2897.30	696.62	664.38	2.97	15.34	0.00	0.00	23	1.42	0.167	3.007
7/21/2008	2871.79	696.54	661.68	3.16	16.65	0.00	0.00	23	1.42	0.167	2.995
7/22/2008	2846.41	696.46	659.00	3.00	15.52	0.00	0.00	23	1.42	0.167	2.983
7/23/2008	2820.95	696.38	656.31	2.76	13.87	0.00	0.00	23	1.42	0.167	2.971
7/24/2008	2795.34	696.30	653.61	9.29	47.84	16.70	16.70	23	1.42	0.167	2.959
7/25/2008	2790.66	696.29	653.12	7.81	39.70	11.44	11.44	23	1.42	0.167	2.956
7/26/2008	2779.77	696.25	651.97	6.06	32.76	6.95	6.95	23	1.42	0.167	2.951
7/27/2008	2763.27	696.20	650.23	5.27	27.54	3.58	3.58	23	1.42	0.167	2.943
7/28/2008	2742.89	696.14	648.08	4.06	21.30	0.00	0.00	23	1.42	0.167	2.933
7/29/2008	2718.16	696.06	645.46	3.38	18.16	0.00	0.00	23	1.42	0.167	2.922
7/30/2008	2692.99	695.98	642.79	3.29	17.52	0.00	0.00	23	1.42	0.167	2.910
7/31/2008	2667.79	695.90	640.11	11.60	63.98	27.13	27.13	23	1.42	0.167	2.897

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8/1/2008	2675.10	695.92	640.89	8.51	42.38	13.17	13.17	23	1.42	0.089	1.548
8/2/2008	2667.80	695.90	640.11	6.37	34.43	8.03	8.03	23	1.42	0.089	1.546
8/3/2008	2653.98	695.85	638.64	5.51	29.20	4.66	4.66	23	1.42	0.089	1.543
8/4/2008	2636.24	695.79	636.74	3.83	20.56	0.00	0.00	23	1.42	0.089	1.538
8/5/2008	2612.75	695.72	634.22	3.37	18.12	0.00	0.00	23	1.42	0.089	1.532
8/6/2008	2588.98	695.64	631.66	3.24	17.22	0.00	0.00	23	1.42	0.089	1.526
8/7/2008	2565.12	695.56	629.07	2.75	13.81	0.00	0.00	23	1.42	0.089	1.519
8/8/2008	2540.96	695.48	626.43	2.62	12.85	0.00	0.00	23	1.42	0.089	1.513
8/9/2008	2516.72	695.40	623.77	2.39	11.27	0.00	0.00	23	1.42	0.089	1.507
8/10/2008	2492.33	695.32	621.07	2.45	11.67	0.00	0.00	23	1.42	0.089	1.500
8/11/2008	2467.99	695.23	618.35	2.52	12.15	0.00	0.00	23	1.42	0.089	1.494
8/12/2008	2443.71	695.15	615.62	2.14	9.55	0.00	0.00	23	1.39	0.089	1.487
8/13/2008	2419.22	695.07	612.84	1.92	7.97	0.00	0.00	23	1.24	0.089	1.480
8/14/2008	2394.74	694.98	610.03	2.17	9.76	0.00	0.00	23	1.40	0.089	1.473
8/15/2008	2370.26	694.89	607.19	2.18	9.80	0.00	0.00	23	1.41	0.089	1.467
8/16/2008	2345.80	694.80	604.32	2.25	10.30	0.00	0.00	23	1.42	0.089	1.460
8/17/2008	2321.37	694.71	601.42	2.22	10.10	0.00	0.00	23	1.42	0.089	1.453
8/18/2008	2296.93	694.62	598.49	2.18	9.80	0.00	0.00	23	1.41	0.089	1.446
8/19/2008	2272.49	694.53	595.52	2.17	9.70	0.00	0.00	23	1.40	0.089	1.438
8/20/2008	2248.05	694.43	592.51	2.14	9.50	0.00	0.00	23	1.38	0.089	1.431
8/21/2008	2223.62	694.34	589.46	2.14	9.50	0.00	0.00	23	1.38	0.089	1.424
8/22/2008	2199.19	694.24	586.37	1.84	7.41	0.00	0.00	23	1.19	0.089	1.416
8/23/2008	2174.78	694.14	583.24	1.70	6.47	0.00	0.00	23	1.10	0.089	1.409
8/24/2008	2150.37	694.04	580.06	1.83	7.37	0.00	0.00	23	1.18	0.089	1.401
8/25/2008	2125.97	693.94	576.83	2.06	9.00	0.00	0.00	23	1.33	0.089	1.393
8/26/2008	2101.57	693.83	573.56	3.55	19.40	0.00	0.00	23	1.42	0.089	1.385
8/27/2008	2078.06	693.73	570.35	14.14	81.66	35.00	35.00	23	1.42	0.089	1.378
8/28/2008	2096.40	693.81	572.86	26.22	166.05	35.00	35.00	23	1.42	0.089	1.384
8/29/2008	2122.54	693.92	576.38	34.39	223.05	35.00	35.00	23	1.42	0.089	1.392
8/30/2008	2153.95	694.06	580.53	15.13	88.59	35.00	35.00	23	1.42	0.089	1.402
8/31/2008	2172.91	694.13	583.00	7.89	39.97	11.62	11.62	23	1.42	0.089	1.408
9/1/2008	2163.80	694.10	581.81	7.18	37.67	10.12	10.12	23	1.42	0.039	0.615
9/2/2008	2153.53	694.05	580.47	6.32	34.09	7.82	7.82	23	1.42	0.039	0.614
9/3/2008	2140.39	694.00	578.74	5.32	27.87	3.79	3.79	23	1.42	0.039	0.612
9/4/2008	2122.59	693.92	576.38	4.61	23.07	0.69	0.69	23	1.42	0.039	0.609
9/5/2008	2101.23	693.83	573.51	3.75	20.28	0.00	0.00	23	1.42	0.039	0.606
9/6/2008	2078.62	693.73	570.43	3.32	17.73	0.00	0.00	23	1.42	0.039	0.603
9/7/2008	2055.74	693.63	567.26	3.03	15.73	0.00	0.00	23	1.42	0.039	0.600
9/8/2008	2032.68	693.53	564.02	2.68	13.28	0.00	0.00	23	1.42	0.039	0.596
9/9/2008	2009.39	693.42	560.70	2.73	13.61	0.00	0.00	23	1.42	0.039	0.593
9/10/2008	1986.13	693.31	557.33	2.87	14.61	0.00	0.00	23	1.42	0.039	0.589
9/11/2008	1962.98	693.20	553.92	3.46	18.73	0.00	0.00	23	1.42	0.039	0.586
9/12/2008	1940.21	693.09	550.51	3.60	19.73	0.00	0.00	23	1.42	0.039	0.582
9/13/2008	1917.53	692.98	547.06	2.58	12.61	0.00	0.00	23	1.42	0.039	0.578
9/14/2008	1894.20	692.86	543.46	3.03	15.73	0.00	0.00	23	1.42	0.039	0.575
9/15/2008	1871.16	692.74	539.84	2.14	9.51	0.00	0.00	23	1.38	0.039	0.571
9/16/2008	1847.59	692.61	536.07	2.66	13.13	0.00	0.00	23	1.42	0.039	0.567
9/17/2008	1824.32	692.49	532.29	2.47	11.83	0.00	0.00	23	1.42	0.039	0.563
9/18/2008	1800.93	692.36	528.42	2.36	11.03	0.00	0.00	23	1.42	0.039	0.559
9/19/2008	1777.47	692.22	524.48	2.18	9.83	0.00	0.00	23	1.41	0.039	0.554
9/20/2008	1753.92	692.09	520.46	2.23	10.13	0.00	0.00	23	1.42	0.039	0.550
9/21/2008	1730.39	691.95	516.36	1.88	7.73	0.00	0.00	23	1.22	0.039	0.546
9/22/2008	1706.84	691.81	512.20	1.58	5.61	0.00	0.00	23	1.02	0.039	0.542

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9/23/2008	1683.30	691.66	507.97	2.08	9.13	0.00	0.00	23	1.35	0.039	0.537
9/24/2008	1659.76	691.51	503.66	2.06	8.93	0.00	0.00	23	1.33	0.039	0.532
9/25/2008	1636.23	691.36	499.28	2.01	8.63	0.00	0.00	23	1.30	0.039	0.528
9/26/2008	1612.70	691.21	494.83	1.97	8.33	0.00	0.00	23	1.27	0.039	0.523
9/27/2008	1589.18	691.05	490.31	1.83	7.33	0.00	0.00	23	1.18	0.039	0.518
9/28/2008	1565.66	690.88	485.71	1.35	4.01	0.00	0.00	23	0.87	0.039	0.513
9/29/2008	1542.15	690.72	481.04	1.34	3.91	0.00	0.00	23	0.86	0.039	0.509
9/30/2008	1518.64	690.55	476.29	1.88	7.73	0.00	0.00	23	1.22	0.039	0.504
10/1/2008	1495.13	690.37	471.47	1.74	6.70	0.00	0.00	23	1.12	-0.034	-0.433
10/2/2008	1472.57	690.20	466.76	1.40	4.36	0.00	0.00	23	0.91	-0.034	-0.428
10/3/2008	1449.99	690.03	461.99	1.14	2.93	0.00	0.00	23	0.74	-0.034	-0.424
10/4/2008	1427.42	689.85	457.14	1.56	5.49	0.00	0.00	23	1.01	-0.034	-0.420
10/5/2008	1404.84	689.67	452.22	1.46	4.77	0.00	0.00	23	0.94	-0.034	-0.415
10/6/2008	1382.25	689.48	447.23	1.39	4.26	0.00	0.00	23	0.90	-0.034	-0.411
10/7/2008	1359.66	689.29	442.16	1.26	3.36	0.00	0.00	23	0.81	-0.034	-0.406
10/8/2008	1337.07	689.10	437.02	2.37	11.16	0.00	0.00	23	1.42	-0.034	-0.401
10/9/2008	1314.58	688.90	431.84	17.66	106.27	35.00	35.00	23	1.42	-0.034	-0.396
10/10/2008	1336.97	689.09	437.00	20.52	126.26	35.00	35.00	23	1.42	-0.034	-0.401
10/11/2008	1361.22	689.30	442.51	29.84	191.32	35.00	35.00	23	1.42	-0.034	-0.406
10/12/2008	1391.49	689.56	449.28	15.67	92.35	35.00	35.00	23	1.42	-0.034	-0.412
10/13/2008	1412.60	689.73	453.92	13.01	73.79	33.47	33.47	23	1.42	-0.034	-0.417
10/14/2008	1430.48	689.87	457.80	6.54	35.56	8.77	8.77	23	1.42	-0.034	-0.420
10/15/2008	1419.47	689.79	455.41	6.25	33.57	7.48	7.48	23	1.42	-0.034	-0.418
10/16/2008	1406.98	689.68	452.69	5.82	31.34	6.04	6.04	23	1.42	-0.034	-0.416
10/17/2008	1392.77	689.57	449.56	5.76	30.90	5.75	5.75	23	1.42	-0.034	-0.413
10/18/2008	1378.24	689.45	446.33	7.99	40.28	11.81	11.81	23	1.42	-0.034	-0.410
10/19/2008	1371.20	689.39	444.76	9.64	50.27	18.27	18.27	23	1.42	-0.034	-0.408
10/20/2008	1371.68	689.39	444.86	6.70	36.11	9.12	9.12	23	1.42	-0.034	-0.408
10/21/2008	1361.12	689.30	442.49	6.33	34.11	7.83	7.83	23	1.42	-0.034	-0.406
10/22/2008	1349.02	689.20	439.75	5.75	30.89	5.74	5.74	23	1.42	-0.034	-0.404
10/23/2008	1334.47	689.07	436.43	5.47	28.89	4.45	4.45	23	1.42	-0.034	-0.401
10/24/2008	1318.43	688.93	432.73	5.47	28.89	4.45	4.45	23	1.42	-0.034	-0.397
10/25/2008	1302.39	688.79	429.00	5.10	26.29	2.77	2.77	23	1.42	-0.034	-0.394
10/26/2008	1284.43	688.62	424.78	6.24	33.52	7.44	7.44	23	1.42	-0.034	-0.390
10/27/2008	1271.88	688.51	421.80	7.76	39.53	11.33	11.33	23	1.42	-0.034	-0.387
10/28/2008	1264.19	688.44	419.97	6.04	32.72	6.93	6.93	23	1.42	-0.034	-0.386
10/29/2008	1250.99	688.31	416.80	4.89	24.89	1.87	1.87	23	1.42	-0.034	-0.383
10/30/2008	1231.98	688.13	412.20	4.75	23.89	1.22	1.22	23	1.42	-0.034	-0.378
10/31/2008	1212.23	687.94	407.36	4.75	23.89	1.22	1.22	23	1.42	-0.034	-0.374
11/1/2008	1192.47	687.74	402.47	3.93	20.87	0.00	0.00	23	1.42	-0.086	-0.942
11/2/2008	1171.53	687.53	397.24	3.78	20.40	0.00	0.00	23	1.42	-0.086	-0.929
11/3/2008	1150.48	687.31	391.91	3.78	20.40	0.00	0.00	23	1.42	-0.086	-0.917
11/4/2008	1129.42	687.09	386.53	4.07	21.33	0.00	0.00	23	1.42	-0.086	-0.904
11/5/2008	1108.53	686.86	381.13	4.36	22.26	0.17	0.17	23	1.42	-0.086	-0.892
11/6/2008	1087.98	686.64	375.76	4.07	21.33	0.00	0.00	23	1.42	-0.086	-0.879
11/7/2008	1067.07	686.40	370.25	4.36	22.26	0.17	0.17	23	1.42	-0.086	-0.866
11/8/2008	1046.50	686.17	364.77	4.50	22.73	0.47	0.47	23	1.42	-0.086	-0.853
11/9/2008	1026.31	685.93	359.34	4.93	25.12	2.02	2.02	23	1.42	-0.086	-0.841
11/10/2008	1007.93	685.72	354.36	6.36	34.35	7.98	7.98	23	1.42	-0.086	-0.829
11/11/2008	996.43	685.58	351.21	5.93	32.12	6.54	6.54	23	1.42	-0.086	-0.822
11/12/2008	983.20	685.42	347.58	5.50	29.12	4.60	4.60	23	1.42	-0.086	-0.813
11/13/2008	967.75	685.23	343.31	5.50	29.12	4.60	4.60	23	1.42	-0.086	-0.803
11/14/2008	952.29	685.03	339.01	6.22	33.35	7.33	7.33	23	1.42	-0.086	-0.793

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11/15/2008	940.02	684.88	335.58	9.15	46.82	16.04	16.04	23	1.42	-0.086	-0.785
11/16/2008	938.33	684.86	335.10	8.42	41.77	12.78	12.78	23	1.42	-0.086	-0.784
11/17/2008	932.92	684.79	333.58	8.61	43.07	13.62	13.62	23	1.42	-0.086	-0.780
11/18/2008	928.46	684.73	332.32	6.36	34.35	7.98	7.98	23	1.42	-0.086	-0.777
11/19/2008	916.90	684.58	329.06	6.36	34.35	7.98	7.98	23	1.42	-0.086	-0.770
11/20/2008	905.34	684.43	325.77	5.93	32.12	6.54	6.54	23	1.42	-0.086	-0.762
11/21/2008	892.06	684.25	321.98	5.79	31.12	5.90	5.90	23	1.42	-0.086	-0.753
11/22/2008	878.03	684.07	317.95	5.93	32.12	6.54	6.54	23	1.42	-0.086	-0.744
11/23/2008	864.72	683.88	314.11	6.07	32.80	6.98	6.98	23	1.42	-0.086	-0.735
11/24/2008	851.94	683.71	310.39	6.22	33.35	7.33	7.33	23	1.42	-0.086	-0.726
11/25/2008	839.60	683.54	306.79	6.79	36.39	9.30	9.30	23	1.42	-0.086	-0.718
11/26/2008	829.58	683.40	303.85	6.65	35.93	9.00	9.00	23	1.42	-0.086	-0.711
11/27/2008	819.17	683.25	300.79	7.08	37.32	9.90	9.90	23	1.42	-0.086	-0.704
11/28/2008	809.92	683.12	298.05	7.08	37.32	9.90	9.90	23	1.42	-0.086	-0.697
11/29/2008	800.67	682.98	295.31	9.90	52.08	19.44	19.44	23	1.42	-0.086	-0.691
11/30/2008	802.78	683.01	295.94	19.15	116.67	35.00	35.00	23	1.42	-0.086	-0.692
12/1/2008	826.43	683.35	302.93	22.92	142.95	35.00	35.00	23	1.42	-0.039	-0.323
12/2/2008	852.14	683.71	310.45	23.25	145.29	35.00	35.00	23	1.42	-0.039	-0.331
12/3/2008	878.08	684.07	317.96	16.54	98.43	35.00	35.00	23	1.42	-0.039	-0.339
12/4/2008	899.68	684.35	324.16	12.38	69.43	30.65	30.65	23	1.42	-0.039	-0.346
12/5/2008	914.26	684.55	328.31	10.54	56.54	22.32	22.32	23	1.42	-0.039	-0.350
12/6/2008	919.32	684.61	329.74	12.98	73.58	33.33	33.33	23	1.42	-0.039	-0.352
12/7/2008	936.97	684.84	334.72	7.62	39.08	11.04	11.04	23	1.42	-0.039	-0.357
12/8/2008	928.87	684.74	332.44	9.21	47.31	16.36	16.36	23	1.42	-0.039	-0.355
12/9/2008	927.11	684.71	331.94	7.43	38.47	10.65	10.65	23	1.42	-0.039	-0.354
12/10/2008	918.50	684.60	329.51	11.39	62.49	26.17	26.17	23	1.42	-0.039	-0.352
12/11/2008	927.96	684.72	332.18	24.72	155.57	35.00	35.00	23	1.42	-0.039	-0.355
12/12/2008	954.87	685.07	339.73	50.54	335.83	35.00	35.00	23	1.42	-0.039	-0.363
12/13/2008	998.48	685.60	351.77	87.60	594.54	35.00	35.00	23	1.42	-0.039	-0.375
12/14/2008	1066.05	686.39	369.98	82.76	560.71	35.00	35.00	23	1.42	-0.039	-0.395
12/15/2008	1130.50	687.10	386.81	39.83	261.04	35.00	35.00	23	1.42	-0.039	-0.413
12/16/2008	1167.24	687.48	396.16	26.69	169.33	35.00	35.00	23	1.42	-0.039	-0.423
12/17/2008	1195.49	687.77	403.23	20.20	124.02	35.00	35.00	23	1.42	-0.039	-0.430
12/18/2008	1219.56	688.01	409.16	18.70	113.55	35.00	35.00	23	1.42	-0.039	-0.437
12/19/2008	1242.66	688.23	414.79	17.13	102.55	35.00	35.00	23	1.42	-0.039	-0.443
12/20/2008	1264.75	688.44	420.10	14.87	86.80	35.00	35.00	23	1.42	-0.039	-0.448
12/21/2008	1285.39	688.63	425.00	16.22	96.22	35.00	35.00	23	1.42	-0.039	-0.454
12/22/2008	1306.90	688.83	430.05	16.51	98.22	35.00	35.00	23	1.42	-0.039	-0.459
12/23/2008	1328.61	689.02	435.08	16.79	100.21	35.00	35.00	23	1.42	-0.039	-0.464
12/24/2008	1350.50	689.21	440.09	13.77	79.14	35.00	35.00	23	1.42	-0.039	-0.470
12/25/2008	1370.45	689.38	444.59	16.63	99.07	35.00	35.00	23	1.42	-0.039	-0.475
12/26/2008	1392.25	689.56	449.44	21.77	134.95	35.00	35.00	23	1.42	-0.039	-0.480
12/27/2008	1417.38	689.77	454.96	25.77	162.87	35.00	35.00	23	1.42	-0.039	-0.486
12/28/2008	1445.10	689.99	460.94	21.61	133.87	35.00	35.00	23	1.42	-0.039	-0.492
12/29/2008	1470.14	690.18	466.25	19.30	117.75	35.00	35.00	23	1.42	-0.039	-0.498
12/30/2008	1493.69	690.36	471.17	17.43	104.69	35.00	35.00	23	1.42	-0.039	-0.503
12/31/2008	1516.04	690.53	475.76	16.32	96.93	35.00	35.00	23	1.42	-0.039	-0.508
1/1/2009	1537.67	690.69	480.14	15.06	88.09	35.00	35.00	23	1.42	-0.072	-0.933
1/2/2009	1558.91	690.84	484.38	14.20	82.09	35.00	35.00	23	1.42	-0.072	-0.942
1/3/2009	1579.61	690.98	488.45	12.78	72.20	32.44	32.44	23	1.42	-0.072	-0.950
1/4/2009	1596.84	691.10	491.79	13.70	78.63	35.00	35.00	23	1.42	-0.072	-0.956
1/5/2009	1617.23	691.24	495.70	13.84	79.57	35.00	35.00	23	1.42	-0.072	-0.964
1/6/2009	1637.71	691.37	499.56	20.59	126.74	35.00	35.00	23	1.42	-0.072	-0.971

Date	Reservoir Storage Volume at beginning of day MG	Reservoir Elevation at beginning of day ft	Surface Area of Reservoir acres	Flow into reservoir from Cornish Creek cfs	Alcovy River Flow cfs	Available Flow for Pumping from Alcovy River MG	Flow Pumped from Alcovy River MG	Reservoir Yield MG	Outflow to Cornish Creek MG	Net Evaporation in/day	Net Evaporation MG
1/7/2009	1662.57	691.53	504.18	40.53	265.93	35.00	35.00	23	1.42	-0.072	-0.980
1/8/2009	1700.32	691.77	511.04	73.91	498.93	35.00	35.00	23	1.42	-0.072	-0.994
1/9/2009	1759.66	692.12	521.44	82.87	561.50	35.00	35.00	23	1.42	-0.072	-1.014
1/10/2009	1824.81	692.49	532.37	61.70	413.74	35.00	35.00	23	1.42	-0.072	-1.035
1/11/2009	1876.30	692.76	540.65	38.07	248.74	35.00	35.00	23	1.42	-0.072	-1.051
1/12/2009	1912.54	692.95	546.30	32.48	209.74	35.00	35.00	23	1.42	-0.072	-1.062
1/13/2009	1945.17	693.11	551.26	35.26	229.12	35.00	35.00	23	1.42	-0.072	-1.072
1/14/2009	1979.61	693.28	556.37	25.66	162.14	35.00	35.00	23	1.42	-0.072	-1.082
1/15/2009	2007.85	693.41	560.48	22.45	139.69	35.00	35.00	23	1.42	-0.072	-1.090
1/16/2009	2034.03	693.53	564.21	19.75	120.87	35.00	35.00	23	1.42	-0.072	-1.097
1/17/2009	2058.47	693.64	567.64	17.77	107.04	35.00	35.00	23	1.42	-0.072	-1.104
1/18/2009	2081.63	693.75	570.84	16.46	97.89	35.00	35.00	23	1.42	-0.072	-1.110
1/19/2009	2103.96	693.84	573.88	16.89	100.89	35.00	35.00	23	1.42	-0.072	-1.116
1/20/2009	2126.57	693.94	576.91	14.06	81.15	35.00	35.00	23	1.42	-0.072	-1.122
1/21/2009	2147.36	694.03	579.66	16.17	95.86	35.00	35.00	23	1.42	-0.072	-1.127
1/22/2009	2169.51	694.12	582.56	15.17	88.91	35.00	35.00	23	1.42	-0.072	-1.133
1/23/2009	2191.03	694.21	585.33	14.72	85.74	35.00	35.00	23	1.42	-0.072	-1.138
1/24/2009	2212.26	694.29	588.03	15.01	87.74	35.00	35.00	23	1.42	-0.072	-1.143
1/25/2009	2233.68	694.38	590.72	15.15	88.74	35.00	35.00	23	1.42	-0.072	-1.148
1/26/2009	2255.20	694.46	593.39	14.72	85.74	35.00	35.00	23	1.42	-0.072	-1.154
1/27/2009	2276.44	694.54	596.00	14.29	82.74	35.00	35.00	23	1.42	-0.072	-1.159
1/28/2009	2297.41	694.62	598.55	14.29	82.74	35.00	35.00	23	1.42	-0.072	-1.164
1/29/2009	2318.39	694.70	601.07	15.01	87.74	35.00	35.00	23	1.42	-0.072	-1.169
1/30/2009	2339.83	694.78	603.62	15.01	87.74	35.00	35.00	23	1.42	-0.072	-1.174
1/31/2009	2361.28	694.86	606.14	14.29	82.74	35.00	35.00	23	1.42	-0.072	-1.178
2/1/2009	2382.28	694.93	608.59	13.17	74.92	34.20	34.20	23	1.42	-0.046	-0.765
2/2/2009	2401.33	695.00	610.79	12.88	72.92	32.91	32.91	23	1.42	-0.046	-0.768
2/3/2009	2418.92	695.06	612.80	13.46	76.92	35.00	35.00	23	1.42	-0.046	-0.771
2/4/2009	2438.96	695.13	615.08	13.03	73.92	33.56	33.56	23	1.42	-0.046	-0.773
2/5/2009	2457.29	695.20	617.15	12.59	70.85	31.57	31.57	23	1.42	-0.046	-0.776
2/6/2009	2473.35	695.25	618.95	11.59	63.92	27.09	27.09	23	1.42	-0.046	-0.778
2/7/2009	2484.29	695.29	620.18	11.45	62.92	26.45	26.45	23	1.42	-0.046	-0.780
2/8/2009	2494.50	695.33	621.31	11.59	63.92	27.09	27.09	23	1.42	-0.046	-0.781
2/9/2009	2505.45	695.36	622.52	10.31	54.92	21.28	21.28	23	1.42	-0.046	-0.783
2/10/2009	2509.74	695.38	623.00	13.09	74.33	33.82	33.82	23	1.42	-0.046	-0.783
2/11/2009	2528.38	695.44	625.05	12.64	71.20	31.80	31.80	23	1.42	-0.046	-0.786
2/12/2009	2544.71	695.49	626.84	11.99	66.68	28.88	28.88	23	1.42	-0.046	-0.788
2/13/2009	2557.70	695.54	628.26	11.82	65.49	28.11	28.11	23	1.42	-0.046	-0.790
2/14/2009	2569.82	695.58	629.58	12.34	69.11	30.45	30.45	23	1.42	-0.046	-0.792
2/15/2009	2584.61	695.63	631.19	10.70	57.67	23.05	23.05	23	1.42	-0.046	-0.794
2/16/2009	2590.95	695.65	631.87	11.60	63.96	27.12	27.12	23	1.42	-0.046	-0.794
2/17/2009	2601.93	695.68	633.06	11.38	62.45	26.14	26.14	23	1.42	-0.046	-0.796
2/18/2009	2611.80	695.72	634.12	13.49	77.13	35.00	35.00	23	1.42	-0.046	-0.797
2/19/2009	2631.90	695.78	636.28	24.08	151.10	35.00	35.00	23	1.42	-0.046	-0.800
2/20/2009	2658.84	695.87	639.16	34.74	225.51	35.00	35.00	23	1.42	-0.046	-0.804
2/21/2009	2692.67	695.98	642.76	29.01	185.51	35.00	35.00	23	1.42	-0.046	-0.808
2/22/2009	2722.81	696.07	645.95	20.38	125.25	35.00	35.00	23	1.42	-0.046	-0.812
2/23/2009	2747.37	696.15	648.55	16.68	99.44	35.00	35.00	23	1.42	-0.046	-0.815
2/24/2009	2769.54	696.22	650.89	15.25	89.44	35.00	35.00	23	1.42	-0.046	-0.818
2/25/2009	2790.80	696.29	653.13	15.11	88.48	35.00	35.00	23	1.42	-0.046	-0.821
2/26/2009	2811.96	696.35	655.37	11.85	65.67	28.23	28.23	23	1.42	-0.046	-0.824
2/27/2009	2824.25	696.39	656.66	12.96	73.49	33.28	33.28	23	1.42	-0.046	-0.826
2/28/2009	2842.31	696.45	658.57	55.71	371.92	35.00	35.00	23	1.42	-0.046	-0.828



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3/1/2009	2889.72	696.60	663.57	144.04	988.51	35.00	35.00	23	1.42	0.000	-0.003
3/2/2009	2993.39	696.92	674.60	232.99	1609.51	35.00	35.00	23	1.42	0.000	-0.004
3/3/2009	3154.55	697.44	692.18	230.12	1589.51	35.00	35.00	23	1.42	0.000	-0.004
3/4/2009	3313.86	697.97	710.36	181.42	1249.51	35.00	35.00	23	1.42	0.000	-0.004
3/5/2009	3441.70	698.41	725.74	105.79	721.51	35.00	35.00	23	1.42	0.000	-0.004
3/6/2009	3520.65	698.69	735.65	70.55	475.51	35.00	35.00	23	1.42	0.000	-0.004
3/7/2009	3576.83	698.90	742.90	51.50	342.51	35.00	35.00	23	1.42	0.000	-0.004
3/8/2009	3620.70	699.06	748.69	40.18	263.51	35.00	35.00	23	1.42	0.000	-0.004
3/9/2009	3657.25	699.20	753.60	34.02	220.51	35.00	35.00	23	1.42	0.000	-0.004
3/10/2009	3689.82	699.33	758.04	30.30	194.51	35.00	35.00	23	1.42	0.000	-0.004
3/11/2009	3719.99	699.44	762.21	27.29	173.51	35.00	35.00	23	1.42	0.000	-0.004
3/12/2009	3748.21	699.56	766.17	25.00	157.51	35.00	35.00	23	1.42	0.000	-0.004
3/13/2009	3774.95	699.66	769.95	22.85	142.51	35.00	35.00	23	1.42	0.000	-0.004
3/14/2009	3800.30	699.76	773.59	21.99	136.51	35.00	35.00	23	1.42	0.000	-0.004
3/15/2009	3825.10	699.86	777.18	42.62	280.51	35.00	35.00	23	1.42	0.000	-0.004
3/16/2009	3863.22	700.02	782.78	83.87	568.51	35.00	1.25	23	1.42	0.000	-0.004
3/17/2009	3894.26	700.15	787.40	98.34	669.51	35.00	0.00	23	40.56	0.000	-0.004
3/18/2009	3894.26	700.15	787.40	86.59	587.51	35.00	0.00	23	32.97	0.000	-0.004
3/19/2009	3894.26	700.15	787.40	66.11	444.51	35.00	0.00	23	19.73	0.000	-0.004
3/20/2009	3894.26	700.15	787.40	48.92	324.51	35.00	0.00	23	8.62	0.000	-0.004
3/21/2009	3894.26	700.15	787.40	38.04	248.51	35.00	0.00	23	1.59	0.000	-0.004
3/22/2009	3894.26	700.15	787.40	32.45	209.51	35.00	3.45	23	1.42	0.000	-0.004
3/23/2009	3894.26	700.15	787.40	29.58	189.51	35.00	5.30	23	1.42	0.000	-0.004
3/24/2009	3894.26	700.15	787.40	27.44	174.51	35.00	6.69	23	1.42	0.000	-0.004
3/25/2009	3894.26	700.15	787.40	26.00	164.51	35.00	7.61	23	1.42	0.000	-0.004
3/26/2009	3894.26	700.15	787.40	27.72	176.51	35.00	6.50	23	1.42	0.000	-0.004
3/27/2009	3894.26	700.15	787.40	47.63	315.51	35.00	0.00	23	7.79	0.000	-0.004
3/28/2009	3894.26	700.15	787.40	155.64	1069.51	35.00	0.00	23	77.59	0.000	-0.004
3/29/2009	3894.26	700.15	787.40	344.72	2389.51	35.00	0.00	23	199.80	0.000	-0.004
3/30/2009	3894.26	700.15	787.40	280.26	1939.51	35.00	0.00	23	158.14	0.000	-0.004
3/31/2009	3894.26	700.15	787.40	162.80	1119.51	35.00	0.00	23	82.22	0.000	-0.004
4/1/2009	3894.26	700.15	787.40	97.57	664.14	35.00	0.00	23	36.76	0.154	3.299
4/2/2009	3894.26	700.15	787.40	114.33	781.14	35.00	0.00	23	47.59	0.154	3.299
4/3/2009	3894.26	700.15	787.40	159.88	1099.14	35.00	0.00	23	77.03	0.154	3.299
4/4/2009	3894.26	700.15	787.40	168.48	1159.14	35.00	0.00	23	82.59	0.154	3.299
4/5/2009	3894.26	700.15	787.40	127.65	874.14	35.00	0.00	23	56.20	0.154	3.299
4/6/2009	3894.26	700.15	787.40	86.83	589.14	35.00	0.00	23	29.82	0.154	3.299
4/7/2009	3894.26	700.15	787.40	65.63	441.14	35.00	0.00	23	16.12	0.154	3.299
4/8/2009	3894.26	700.15	787.40	53.02	353.14	35.00	0.00	23	7.97	0.154	3.299
4/9/2009	3894.26	700.15	787.40	44.14	291.14	35.00	0.00	23	2.23	0.154	3.299
4/10/2009	3894.26	700.15	787.40	40.13	263.14	35.00	1.78	23	1.42	0.154	3.299
4/11/2009	3894.26	700.15	787.40	49.44	328.14	35.00	0.00	23	5.65	0.154	3.299
4/12/2009	3894.26	700.15	787.40	50.30	334.14	35.00	0.00	23	6.21	0.154	3.299
4/13/2009	3894.26	700.15	787.40	61.04	409.14	35.00	0.00	23	13.15	0.154	3.299
4/14/2009	3894.26	700.15	787.40	72.22	487.14	35.00	0.00	23	20.37	0.154	3.299
4/15/2009	3894.26	700.15	787.40	83.25	564.14	35.00	0.00	23	27.50	0.154	3.299
4/16/2009	3894.26	700.15	787.40	80.38	544.14	35.00	0.00	23	25.65	0.154	3.299
4/17/2009	3894.26	700.15	787.40	58.61	392.14	35.00	0.00	23	11.58	0.154	3.299
4/18/2009	3894.26	700.15	787.40	46.00	304.14	35.00	0.00	23	3.43	0.154	3.299
4/19/2009	3894.26	700.15	787.40	39.41	258.14	35.00	2.25	23	1.42	0.154	3.299
4/20/2009	3894.26	700.15	787.40	39.27	257.14	35.00	2.34	23	1.42	0.154	3.299
4/21/2009	3894.26	700.15	787.40	38.70	253.14	35.00	2.71	23	1.42	0.154	3.299
4/22/2009	3894.26	700.15	787.40	35.69	232.14	35.00	4.65	23	1.42	0.154	3.299

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4/23/2009	3894.26	700.15	787.40	31.39	202.14	35.00	7.43	23	1.42	0.154	3.299
4/24/2009	3894.26	700.15	787.40	30.10	193.14	35.00	8.27	23	1.42	0.154	3.299
4/25/2009	3894.26	700.15	787.40	31.11	200.14	35.00	7.62	23	1.42	0.154	3.299
4/26/2009	3894.26	700.15	787.40	28.81	184.14	35.00	9.10	23	1.42	0.154	3.299
4/27/2009	3894.26	700.15	787.40	25.66	162.14	35.00	11.14	23	1.42	0.154	3.299
4/28/2009	3894.26	700.15	787.40	23.94	150.14	35.00	12.25	23	1.42	0.154	3.299
4/29/2009	3894.26	700.15	787.40	22.94	143.14	35.00	12.89	23	1.42	0.154	3.299
4/30/2009	3894.26	700.15	787.40	21.94	136.14	35.00	13.54	23	1.42	0.154	3.299
5/1/2009	3894.26	700.15	787.40	20.98	129.48	35.00	13.77	23	1.42	0.136	2.910
5/2/2009	3894.26	700.15	787.40	20.98	129.48	35.00	13.77	23	1.42	0.136	2.910
5/3/2009	3894.26	700.15	787.40	22.56	140.48	35.00	12.75	23	1.42	0.136	2.910
5/4/2009	3894.26	700.15	787.40	27.29	173.48	35.00	9.70	23	1.42	0.136	2.910
5/5/2009	3894.26	700.15	787.40	32.73	211.48	35.00	6.18	23	1.42	0.136	2.910
5/6/2009	3894.26	700.15	787.40	38.89	254.48	35.00	2.20	23	1.42	0.136	2.910
5/7/2009	3894.26	700.15	787.40	40.47	265.48	35.00	1.18	23	1.42	0.136	2.910
5/8/2009	3894.26	700.15	787.40	54.36	362.48	35.00	0.00	23	9.22	0.136	2.910
5/9/2009	3894.26	700.15	787.40	59.95	401.48	35.00	0.00	23	12.83	0.136	2.910
5/10/2009	3894.26	700.15	787.40	41.18	270.48	35.00	0.72	23	1.42	0.136	2.910
5/11/2009	3894.26	700.15	787.40	31.73	204.48	35.00	6.83	23	1.42	0.136	2.910
5/12/2009	3894.26	700.15	787.40	27.72	176.48	35.00	9.42	23	1.42	0.136	2.910
5/13/2009	3894.26	700.15	787.40	24.57	154.48	35.00	11.45	23	1.42	0.136	2.910
5/14/2009	3894.26	700.15	787.40	22.13	137.48	35.00	13.03	23	1.42	0.136	2.910
5/15/2009	3894.26	700.15	787.40	20.41	125.48	35.00	14.14	23	1.42	0.136	2.910
5/16/2009	3894.26	700.15	787.40	19.70	120.48	35.00	14.60	23	1.42	0.136	2.910
5/17/2009	3894.26	700.15	787.40	20.56	126.48	35.00	14.05	23	1.42	0.136	2.910
5/18/2009	3894.26	700.15	787.40	22.27	138.48	35.00	12.94	23	1.42	0.136	2.910
5/19/2009	3894.26	700.15	787.40	21.84	135.48	35.00	13.21	23	1.42	0.136	2.910
5/20/2009	3894.26	700.15	787.40	19.84	121.48	35.00	14.51	23	1.42	0.136	2.910
5/21/2009	3894.26	700.15	787.40	17.55	105.48	35.00	15.99	23	1.42	0.136	2.910
5/22/2009	3894.26	700.15	787.40	17.12	102.48	35.00	16.27	23	1.42	0.136	2.910
5/23/2009	3894.26	700.15	787.40	17.69	106.48	35.00	15.90	23	1.42	0.136	2.910
5/24/2009	3894.26	700.15	787.40	26.43	167.48	35.00	10.25	23	1.42	0.136	2.910
5/25/2009	3894.26	700.15	787.40	36.88	240.48	35.00	3.49	23	1.42	0.136	2.910
5/26/2009	3894.26	700.15	787.40	33.16	214.48	35.00	5.90	23	1.42	0.136	2.910
5/27/2009	3894.26	700.15	787.40	29.58	189.48	35.00	8.21	23	1.42	0.136	2.910
5/28/2009	3894.26	700.15	787.40	26.14	165.48	35.00	10.44	23	1.42	0.136	2.910
5/29/2009	3894.26	700.15	787.40	22.42	139.48	35.00	12.84	23	1.42	0.136	2.910
5/30/2009	3894.26	700.15	787.40	19.55	119.48	35.00	14.69	23	1.42	0.136	2.910
5/31/2009	3894.26	700.15	787.40	17.40	104.48	35.00	16.08	23	1.42	0.136	2.910





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2/12/2006	5696.54	641.85	1229.50	71.23	511.66	35.00	0.00	23.8	23.78	-0.046	-1.55
2/13/2006	5696.54	641.85	1229.50	69.03	494.09	35.00	0.00	23.8	22.36	-0.046	-1.55
2/14/2006	5696.54	641.85	1229.50	59.89	421.11	35.00	0.00	23.8	16.45	-0.046	-1.55
2/15/2006	5696.54	641.85	1229.50	53.97	373.82	35.00	0.00	23.8	12.63	-0.046	-1.55
2/16/2006	5696.54	641.85	1229.50	49.06	334.63	35.00	0.00	23.8	9.46	-0.046	-1.55
2/17/2006	5696.54	641.85	1229.50	47.20	319.76	35.00	0.00	23.8	8.25	-0.046	-1.55
2/18/2006	5696.54	641.85	1229.50	45.85	308.95	35.00	0.00	23.8	7.38	-0.046	-1.55
2/19/2006	5696.54	641.85	1229.50	45.51	306.25	35.00	0.00	23.8	7.16	-0.046	-1.55
2/20/2006	5696.54	641.85	1229.50	45.00	302.20	35.00	0.00	23.8	6.83	-0.046	-1.55
2/21/2006	5696.54	641.85	1229.50	45.51	306.25	35.00	0.00	23.8	7.16	-0.046	-1.55
2/22/2006	5696.54	641.85	1229.50	46.87	317.06	35.00	0.00	23.8	8.04	-0.046	-1.55
2/23/2006	5696.54	641.85	1229.50	84.59	618.41	35.00	0.00	23.8	32.42	-0.046	-1.55
2/24/2006	5696.54	641.85	1229.50	142.80	1083.28	35.00	0.00	23.8	70.03	-0.046	-1.55
2/25/2006	5696.54	641.85	1229.50	155.82	1187.33	35.00	0.00	23.8	78.45	-0.046	-1.55
2/26/2006	5696.54	641.85	1229.50	153.79	1171.11	35.00	0.00	23.8	77.14	-0.046	-1.55
2/27/2006	5696.54	641.85	1229.50	139.75	1058.95	35.00	0.00	23.8	68.07	-0.046	-1.55
2/28/2006	5696.54	641.85	1229.50	116.40	872.47	35.00	0.00	23.8	52.98	-0.046	-1.55
3/1/2006	5696.54	641.85	1229.50	86.79	634.45	35.00	0.00	23.8	32.30	0.000	-0.01
3/2/2006	5696.54	641.85	1229.50	72.41	519.59	35.00	0.00	23.8	23.01	0.000	-0.01
3/3/2006	5696.54	641.85	1229.50	64.63	457.43	35.00	0.00	23.8	17.98	0.000	-0.01
3/4/2006	5696.54	641.85	1229.50	58.54	408.78	35.00	0.00	23.8	14.04	0.000	-0.01
3/5/2006	5696.54	641.85	1229.50	53.29	366.89	35.00	0.00	23.8	10.65	0.000	-0.01
3/6/2006	5696.54	641.85	1229.50	50.42	343.91	35.00	0.00	23.8	8.79	0.000	-0.01
3/7/2006	5696.54	641.85	1229.50	49.40	335.81	35.00	0.00	23.8	8.14	0.000	-0.01
3/8/2006	5696.54	641.85	1229.50	47.71	322.29	35.00	0.00	23.8	7.04	0.000	-0.01
3/9/2006	5696.54	641.85	1229.50	45.34	303.37	35.00	0.00	23.8	5.51	0.000	-0.01
3/10/2006	5696.54	641.85	1229.50	47.03	316.89	35.00	0.00	23.8	6.60	0.000	-0.01
3/11/2006	5696.54	641.85	1229.50	52.11	357.43	35.00	0.00	23.8	9.89	0.000	-0.01
3/12/2006	5696.54	641.85	1229.50	52.45	360.13	35.00	0.00	23.8	10.10	0.000	-0.01
3/13/2006	5696.54	641.85	1229.50	46.87	315.54	35.00	0.00	23.8	6.50	0.000	-0.01
3/14/2006	5696.54	641.85	1229.50	53.97	372.29	35.00	0.00	23.8	11.09	0.000	-0.01
3/15/2006	5696.54	641.85	1229.50	64.80	458.78	35.00	0.00	23.8	18.09	0.000	-0.01
3/16/2006	5696.54	641.85	1229.50	60.23	422.29	35.00	0.00	23.8	15.13	0.000	-0.01
3/17/2006	5696.54	641.85	1229.50	49.91	339.86	35.00	0.00	23.8	8.46	0.000	-0.01
3/18/2006	5696.54	641.85	1229.50	45.51	304.72	35.00	0.00	23.8	5.62	0.000	-0.01
3/19/2006	5696.54	641.85	1229.50	42.64	281.75	35.00	0.00	23.8	3.76	0.000	-0.01
3/20/2006	5696.54	641.85	1229.50	41.62	273.64	35.00	0.00	23.8	3.11	0.000	-0.01
3/21/2006	5696.54	641.85	1229.50	75.80	546.62	35.00	0.00	23.8	25.19	0.000	-0.01
3/22/2006	5696.54	641.85	1229.50	130.78	985.81	35.00	0.00	23.8	60.73	0.000	-0.01
3/23/2006	5696.54	641.85	1229.50	136.87	1034.45	35.00	0.00	23.8	64.67	0.000	-0.01
3/24/2006	5696.54	641.85	1229.50	91.87	674.99	35.00	0.00	23.8	35.58	0.000	-0.01
3/25/2006	5696.54	641.85	1229.50	67.84	483.10	35.00	0.00	23.8	20.05	0.000	-0.01
3/26/2006	5696.54	641.85	1229.50	57.86	403.37	35.00	0.00	23.8	13.60	0.000	-0.01
3/27/2006	5696.54	641.85	1229.50	51.94	356.08	35.00	0.00	23.8	9.78	0.000	-0.01
3/28/2006	5696.54	641.85	1229.50	48.56	329.05	35.00	0.00	23.8	7.59	0.000	-0.01
3/29/2006	5696.54	641.85	1229.50	47.37	319.59	35.00	0.00	23.8	6.82	0.000	-0.01
3/30/2006	5696.54	641.85	1229.50	46.19	310.13	35.00	0.00	23.8	6.06	0.000	-0.01
3/31/2006	5696.54	641.85	1229.50	44.33	295.26	35.00	0.00	23.8	4.86	0.000	-0.01
4/1/2006	5696.54	641.85	1229.50	43.14	280.69	35.00	2.88	23.8	1.81	0.154	5.15
4/2/2006	5696.54	641.85	1229.50	45.00	295.56	35.00	1.68	23.8	1.81	0.154	5.15
4/3/2006	5696.54	641.85	1229.50	50.76	341.50	35.00	0.00	23.8	3.85	0.154	5.15
4/4/2006	5696.54	641.85	1229.50	45.17	296.91	35.00	1.57	23.8	1.81	0.154	5.15
4/5/2006	5696.54	641.85	1229.50	41.11	264.48	35.00	4.19	23.8	1.81	0.154	5.15

Date	Reservoir Storage Volume at beginning of day MG	Reservoir Elevation at beginning of day ft	Surface Area of Reservoir acres	Flow into reservoir from Bear Creek cfs	Alcovy River Flow cfs	Available Flow for Pumping from Alcovy River MG	Flow Pumped from Alcovy River MG	Reservoir Yield MG	Outflow to Bear Creek MG	Net Evaporation in/day	Net Evaporation MG
4/6/2006	5696.54	641.85	1229.50	37.73	237.45	35.00	6.38	23.8	1.81	0.154	5.15
4/7/2006	5696.54	641.85	1229.50	36.38	226.64	35.00	7.25	23.8	1.81	0.154	5.15
4/8/2006	5696.54	641.85	1229.50	37.39	234.75	35.00	6.60	23.8	1.81	0.154	5.15
4/9/2006	5696.54	641.85	1229.50	40.27	257.72	35.00	4.74	23.8	1.81	0.154	5.15
4/10/2006	5696.54	641.85	1229.50	41.79	269.88	35.00	3.75	23.8	1.81	0.154	5.15
4/11/2006	5696.54	641.85	1229.50	37.56	236.10	35.00	6.49	23.8	1.81	0.154	5.15
4/12/2006	5696.54	641.85	1229.50	36.88	230.69	35.00	6.92	23.8	1.81	0.154	5.15
4/13/2006	5696.54	641.85	1229.50	34.35	210.42	35.00	8.56	23.8	1.81	0.154	5.15
4/14/2006	5696.54	641.85	1229.50	33.16	200.96	35.00	9.33	23.8	1.81	0.154	5.15
4/15/2006	5696.54	641.85	1229.50	32.48	195.56	35.00	9.77	23.8	1.81	0.154	5.15
4/16/2006	5696.54	641.85	1229.50	30.45	179.34	35.00	11.08	23.8	1.81	0.154	5.15
4/17/2006	5696.54	641.85	1229.50	28.93	167.18	35.00	12.06	23.8	1.81	0.154	5.15
4/18/2006	5696.54	641.85	1229.50	29.10	168.53	35.00	11.95	23.8	1.81	0.154	5.15
4/19/2006	5696.54	641.85	1229.50	26.39	146.91	35.00	13.70	23.8	1.81	0.154	5.15
4/20/2006	5696.54	641.85	1229.50	27.24	153.67	35.00	13.16	23.8	1.81	0.154	5.15
4/21/2006	5696.54	641.85	1229.50	33.84	206.37	35.00	8.89	23.8	1.81	0.154	5.15
4/22/2006	5696.54	641.85	1229.50	55.49	379.34	35.00	0.00	23.8	6.91	0.154	5.15
4/23/2006	5696.54	641.85	1229.50	86.12	623.94	35.00	0.00	23.8	26.71	0.154	5.15
4/24/2006	5696.54	641.85	1229.50	79.18	568.53	35.00	0.00	23.8	22.22	0.154	5.15
4/25/2006	5696.54	641.85	1229.50	44.67	292.86	35.00	1.89	23.8	1.81	0.154	5.15
4/26/2006	5696.54	641.85	1229.50	38.58	244.21	35.00	5.83	23.8	1.81	0.154	5.15
4/27/2006	5696.54	641.85	1229.50	34.51	211.77	35.00	8.45	23.8	1.81	0.154	5.15
4/28/2006	5696.54	641.85	1229.50	31.98	191.50	35.00	10.10	23.8	1.81	0.154	5.15
4/29/2006	5696.54	641.85	1229.50	28.93	167.18	35.00	12.06	23.8	1.81	0.154	5.15
4/30/2006	5696.54	641.85	1229.50	26.73	149.61	35.00	13.48	23.8	1.81	0.154	5.15
5/1/2006	5696.54	641.85	1229.50	25.38	139.41	35.00	13.75	23.8	1.81	0.136	4.54
5/2/2006	5696.54	641.85	1229.50	25.04	136.70	35.00	13.97	23.8	1.81	0.136	4.54
5/3/2006	5696.54	641.85	1229.50	24.36	131.30	35.00	14.41	23.8	1.81	0.136	4.54
5/4/2006	5696.54	641.85	1229.50	24.19	129.95	35.00	14.52	23.8	1.81	0.136	4.54
5/5/2006	5696.54	641.85	1229.50	24.36	131.30	35.00	14.41	23.8	1.81	0.136	4.54
5/6/2006	5696.54	641.85	1229.50	32.32	194.81	35.00	9.27	23.8	1.81	0.136	4.54
5/7/2006	5696.54	641.85	1229.50	38.91	247.51	35.00	5.00	23.8	1.81	0.136	4.54
5/8/2006	5696.54	641.85	1229.50	53.80	366.43	35.00	0.00	23.8	6.43	0.136	4.54
5/9/2006	5696.54	641.85	1229.50	58.37	402.92	35.00	0.00	23.8	9.38	0.136	4.54
5/10/2006	5696.54	641.85	1229.50	43.31	282.65	35.00	2.16	23.8	1.81	0.136	4.54
5/11/2006	5696.54	641.85	1229.50	39.42	251.57	35.00	4.68	23.8	1.81	0.136	4.54
5/12/2006	5696.54	641.85	1229.50	36.04	224.54	35.00	6.86	23.8	1.81	0.136	4.54
5/13/2006	5696.54	641.85	1229.50	30.28	178.59	35.00	10.58	23.8	1.81	0.136	4.54
5/14/2006	5696.54	641.85	1229.50	26.90	151.57	35.00	12.77	23.8	1.81	0.136	4.54
5/15/2006	5696.54	641.85	1229.50	25.72	142.11	35.00	13.53	23.8	1.81	0.136	4.54
5/16/2006	5696.54	641.85	1229.50	24.53	132.65	35.00	14.30	23.8	1.81	0.136	4.54
5/17/2006	5696.54	641.85	1229.50	22.50	116.43	35.00	15.61	23.8	1.81	0.136	4.54
5/18/2006	5696.54	641.85	1229.50	21.32	106.97	35.00	16.38	23.8	1.81	0.136	4.54
5/19/2006	5696.54	641.85	1229.50	21.15	105.62	35.00	16.48	23.8	1.81	0.136	4.54
5/20/2006	5696.54	641.85	1229.50	20.47	100.22	35.00	16.92	23.8	1.81	0.136	4.54
5/21/2006	5696.54	641.85	1229.50	19.29	90.76	35.00	17.69	23.8	1.81	0.136	4.54
5/22/2006	5696.54	641.85	1229.50	18.10	81.30	35.00	18.45	23.8	1.81	0.136	4.54
5/23/2006	5696.54	641.85	1229.50	17.26	74.54	34.93	19.00	23.8	1.81	0.136	4.54
5/24/2006	5696.54	641.85	1229.50	20.30	98.86	35.00	17.03	23.8	1.81	0.136	4.54
5/25/2006	5696.54	641.85	1229.50	18.78	86.70	35.00	18.02	23.8	1.81	0.136	4.54
5/26/2006	5696.54	641.85	1229.50	18.44	84.00	35.00	18.23	23.8	1.81	0.136	4.54
5/27/2006	5696.54	641.85	1229.50	34.51	212.38	35.00	7.85	23.8	1.81	0.136	4.54
5/28/2006	5696.54	641.85	1229.50	35.70	221.84	35.00	7.08	23.8	1.81	0.136	4.54

Date	Reservoir Storage Volume at beginning of day MG	Reservoir Elevation at beginning of day ft	Surface Area of Reservoir acres	Flow into reservoir from Bear Creek cfs	Alcovy River Flow cfs	Available Flow for Pumping from Alcovy River MG	Flow Pumped from Alcovy River MG	Reservoir Yield MG	Outflow to Bear Creek MG	Net Evaporation in/day	Net Evaporation MG
5/29/2006	5696.54	641.85	1229.50	22.33	115.08	35.00	15.72	23.8	1.81	0.136	4.54
5/30/2006	5696.54	641.85	1229.50	18.44	84.00	35.00	18.23	23.8	1.81	0.136	4.54
5/31/2006	5696.54	641.85	1229.50	16.75	70.49	32.31	19.33	23.8	1.81	0.136	4.54
6/1/2006	5696.54	641.85	1229.50	14.38	49.96	19.04	19.04	23.8	1.81	0.185	6.16
6/2/2006	5693.10	641.84	1228.97	18.95	86.45	35.00	22.96	23.8	1.81	0.185	6.16
6/3/2006	5696.54	641.85	1229.50	32.15	191.85	35.00	11.00	23.8	1.81	0.185	6.16
6/4/2006	5696.54	641.85	1229.50	33.50	202.66	35.00	10.12	23.8	1.81	0.185	6.16
6/5/2006	5696.54	641.85	1229.50	27.75	156.72	35.00	13.84	23.8	1.81	0.185	6.16
6/6/2006	5696.54	641.85	1229.50	22.33	113.47	35.00	17.34	23.8	1.81	0.185	6.16
6/7/2006	5696.54	641.85	1229.50	19.63	91.85	35.00	19.09	23.8	1.81	0.185	6.16
6/8/2006	5696.54	641.85	1229.50	18.44	82.39	35.00	19.86	23.8	1.81	0.185	6.16
6/9/2006	5696.54	641.85	1229.50	14.89	54.01	21.66	21.66	23.8	1.81	0.185	6.16
6/10/2006	5696.05	641.85	1229.43	13.87	45.91	16.42	16.42	23.8	1.81	0.185	6.16
6/11/2006	5689.66	641.83	1228.43	13.03	39.15	12.05	12.05	23.8	1.81	0.185	6.16
6/12/2006	5678.37	641.80	1226.67	12.35	33.74	8.56	8.56	23.8	1.81	0.185	6.15
6/13/2006	5663.15	641.76	1224.29	12.01	32.79	7.94	7.94	23.8	1.81	0.185	6.14
6/14/2006	5647.10	641.72	1221.78	13.37	40.11	12.67	12.67	23.8	1.81	0.185	6.13
6/15/2006	5636.68	641.70	1220.15	12.86	37.80	11.18	11.18	23.8	1.81	0.185	6.12
6/16/2006	5624.44	641.67	1218.23	11.67	32.37	7.67	7.67	23.8	1.81	0.185	6.11
6/17/2006	5607.94	641.62	1215.64	11.00	31.54	7.13	7.13	23.8	1.81	0.185	6.10
6/18/2006	5590.48	641.58	1212.89	10.32	30.71	6.60	6.60	23.8	1.81	0.185	6.08
6/19/2006	5572.05	641.53	1209.99	9.98	30.29	6.33	6.33	23.8	1.81	0.185	6.07
6/20/2006	5553.15	641.48	1207.01	9.81	30.08	6.19	6.19	23.8	1.81	0.185	6.05
6/21/2006	5534.03	641.43	1203.99	9.64	29.87	6.06	6.06	23.8	1.81	0.185	6.04
6/22/2006	5514.67	641.39	1200.93	9.31	29.46	5.79	5.79	23.8	1.81	0.185	6.02
6/23/2006	5494.84	641.33	1197.79	9.98	30.29	6.33	6.33	23.8	1.81	0.185	6.01
6/24/2006	5476.01	641.28	1194.80	14.21	35.49	9.69	9.69	23.8	1.81	0.185	5.99
6/25/2006	5463.28	641.25	1192.77	21.15	75.85	35.00	35.00	23.8	1.81	0.185	5.98
6/26/2006	5480.36	641.30	1195.49	23.52	92.76	35.00	35.00	23.8	1.81	0.185	5.99
6/27/2006	5498.95	641.34	1198.44	36.38	189.55	35.00	35.00	23.8	1.81	0.185	6.01
6/28/2006	5525.85	641.41	1202.70	34.18	208.07	35.00	35.00	23.8	1.81	0.185	6.03
6/29/2006	5551.29	641.48	1206.72	21.66	108.07	35.00	35.00	23.8	1.81	0.185	6.05
6/30/2006	5568.63	641.52	1209.45	18.95	86.45	35.00	35.00	23.8	1.81	0.185	6.06
7/1/2006	5584.20	641.56	1211.90	13.71	45.18	15.95	15.95	23.8	1.81	0.167	5.49
7/2/2006	5577.92	641.55	1210.91	12.02	32.79	7.94	7.94	23.8	1.81	0.167	5.48
7/3/2006	5562.54	641.51	1208.49	11.00	31.54	7.14	7.14	23.8	1.81	0.167	5.47
7/4/2006	5545.70	641.47	1205.83	11.17	31.75	7.27	7.27	23.8	1.81	0.167	5.46
7/5/2006	5529.13	641.42	1203.21	10.66	31.13	6.87	6.87	23.8	1.81	0.167	5.45
7/6/2006	5511.83	641.38	1200.48	10.83	31.33	7.00	7.00	23.8	1.81	0.167	5.43
7/7/2006	5494.79	641.33	1197.78	11.80	32.53	7.77	7.77	23.8	1.81	0.167	5.42
7/8/2006	5479.16	641.29	1195.30	10.62	31.07	6.83	6.83	23.8	1.81	0.167	5.41
7/9/2006	5461.83	641.25	1192.54	9.43	29.62	5.89	5.89	23.8	1.81	0.167	5.40
7/10/2006	5442.81	641.20	1189.52	8.42	28.37	5.08	5.08	23.8	1.81	0.167	5.38
7/11/2006	5422.35	641.14	1186.25	8.25	28.16	4.95	4.95	23.8	1.81	0.167	5.37
7/12/2006	5401.65	641.09	1182.95	9.43	29.62	5.89	5.89	23.8	1.81	0.167	5.35
7/13/2006	5382.67	641.04	1179.91	8.25	28.16	4.95	4.95	23.8	1.81	0.167	5.34
7/14/2006	5362.00	640.99	1176.60	8.93	28.99	5.49	5.49	23.8	1.81	0.167	5.33
7/15/2006	5342.32	640.93	1173.45	8.76	28.78	5.35	5.35	23.8	1.81	0.167	5.31
7/16/2006	5322.41	640.88	1170.25	8.08	27.95	4.82	4.82	23.8	1.81	0.167	5.30
7/17/2006	5301.55	640.83	1166.89	7.91	27.74	4.68	4.68	23.8	1.81	0.167	5.28
7/18/2006	5280.45	640.77	1163.49	7.78	27.58	4.57	4.57	23.8	1.81	0.167	5.27
7/19/2006	5259.17	640.71	1160.05	7.61	27.37	4.44	4.44	23.8	1.81	0.167	5.25
7/20/2006	5237.66	640.65	1156.57	7.44	27.16	4.30	4.30	23.8	1.81	0.167	5.24

Date	Reservoir Storage Volume at beginning of day MG	Reservoir Elevation at beginning of day ft	Surface Area of Reservoir acres	Flow into reservoir from Bear Creek cfs	Alcovy River Flow cfs	Available Flow for Pumping from Alcovy River MG	Flow Pumped from Alcovy River MG	Reservoir Yield MG	Outflow to Bear Creek MG	Net Evaporation in/day	Net Evaporation MG
7/21/2006	5215.93	640.59	1153.05	7.44	27.16	4.30	4.30	23.8	1.81	0.167	5.22
7/22/2006	5194.21	640.54	1149.53	7.44	27.16	4.30	4.30	23.8	1.81	0.167	5.20
7/23/2006	5172.51	640.48	1146.00	7.44	27.16	4.30	4.30	23.8	1.81	0.167	5.19
7/24/2006	5150.82	640.42	1142.47	8.61	28.60	5.23	5.23	23.8	1.81	0.167	5.17
7/25/2006	5130.84	640.36	1139.21	15.87	38.18	11.43	11.43	23.8	1.81	0.167	5.16
7/26/2006	5121.76	640.34	1137.73	11.65	32.34	7.65	7.65	23.8	1.81	0.167	5.15
7/27/2006	5106.19	640.29	1135.18	11.14	31.72	7.25	7.25	23.8	1.81	0.167	5.14
7/28/2006	5089.90	640.25	1132.52	8.78	28.81	5.37	5.37	23.8	1.81	0.167	5.13
7/29/2006	5070.20	640.20	1129.29	8.44	28.39	5.10	5.10	23.8	1.81	0.167	5.11
7/30/2006	5050.03	640.14	1125.98	13.68	34.84	9.27	9.27	23.8	1.81	0.167	5.10
7/31/2006	5037.44	640.10	1123.92	20.00	67.66	30.48	30.48	23.8	1.81	0.167	5.09
8/1/2006	5050.14	640.14	1126.00	14.16	35.43	9.65	9.65	23.8	1.81	0.089	2.72
8/2/2006	5040.62	640.11	1124.44	10.21	30.57	6.51	6.51	23.8	1.81	0.089	2.72
8/3/2006	5025.40	640.07	1121.94	8.84	28.89	5.42	5.42	23.8	1.81	0.089	2.71
8/4/2006	5008.21	640.02	1119.11	8.33	28.26	5.02	5.02	23.8	1.81	0.089	2.70
8/5/2006	4990.30	639.97	1116.16	9.92	30.21	6.27	6.27	23.8	1.81	0.089	2.70
8/6/2006	4974.68	639.93	1113.59	12.73	33.67	8.51	8.51	23.8	1.81	0.089	2.69
8/7/2006	4963.12	639.90	1111.68	15.95	38.72	11.78	11.78	23.8	1.81	0.089	2.69
8/8/2006	4956.91	639.88	1110.65	12.46	33.34	8.30	8.30	23.8	1.81	0.089	2.68
8/9/2006	4944.97	639.84	1108.68	9.79	30.06	6.18	6.18	23.8	1.81	0.089	2.68
8/10/2006	4929.19	639.80	1106.07	10.42	30.83	6.68	6.68	23.8	1.81	0.089	2.67
8/11/2006	4914.32	639.76	1103.61	12.66	33.58	8.45	8.45	23.8	1.81	0.089	2.67
8/12/2006	4902.68	639.72	1101.68	13.21	34.25	8.89	8.89	23.8	1.81	0.089	2.66
8/13/2006	4891.84	639.69	1099.88	16.08	39.67	12.39	12.39	23.8	1.81	0.089	2.66
8/14/2006	4886.36	639.68	1098.97	12.85	33.81	8.60	8.60	23.8	1.81	0.089	2.65
8/15/2006	4875.00	639.65	1097.09	12.11	32.91	8.02	8.02	23.8	1.81	0.089	2.65
8/16/2006	4862.59	639.61	1095.03	10.35	30.74	6.62	6.62	23.8	1.81	0.089	2.64
8/17/2006	4847.64	639.57	1092.54	18.00	53.37	21.24	21.24	23.8	1.81	0.089	2.64
8/18/2006	4852.26	639.58	1093.31	11.46	32.11	7.50	7.50	23.8	1.81	0.089	2.64
8/19/2006	4838.93	639.54	1091.09	9.94	30.24	6.29	6.29	23.8	1.81	0.089	2.64
8/20/2006	4823.40	639.50	1088.51	8.42	28.37	5.08	5.08	23.8	1.81	0.089	2.63
8/21/2006	4805.69	639.45	1085.56	9.43	29.61	5.89	5.89	23.8	1.81	0.089	2.62
8/22/2006	4789.44	639.40	1082.85	9.13	29.24	5.65	5.65	23.8	1.81	0.089	2.62
8/23/2006	4772.77	639.35	1080.06	13.45	34.56	9.09	9.09	23.8	1.81	0.089	2.61
8/24/2006	4762.33	639.32	1078.32	26.54	114.34	35.00	35.00	23.8	1.81	0.089	2.60
8/25/2006	4786.27	639.39	1082.32	19.12	61.33	26.39	26.39	23.8	1.81	0.089	2.61
8/26/2006	4796.79	639.42	1084.07	22.76	87.36	35.00	35.00	23.8	1.81	0.089	2.62
8/27/2006	4818.28	639.48	1087.65	16.16	40.25	12.76	12.76	23.8	1.81	0.089	2.63
8/28/2006	4813.25	639.47	1086.82	13.79	34.98	9.36	9.36	23.8	1.81	0.089	2.63
8/29/2006	4803.29	639.44	1085.16	10.57	31.01	6.79	6.79	23.8	1.81	0.089	2.62
8/30/2006	4788.68	639.40	1082.72	10.49	30.91	6.73	6.73	23.8	1.81	0.089	2.62
8/31/2006	4773.96	639.35	1080.26	10.47	30.89	6.72	6.72	23.8	1.81	0.089	2.61
9/1/2006	4759.23	639.31	1077.80	11.57	32.24	7.59	7.59	23.8	1.81	0.039	1.14
9/2/2006	4747.55	639.28	1075.84	13.83	35.02	9.39	9.39	23.8	1.81	0.039	1.14
9/3/2006	4739.13	639.25	1074.44	15.14	36.63	10.43	10.43	23.8	1.81	0.039	1.14
9/4/2006	4732.59	639.23	1073.34	16.49	42.61	14.29	14.29	23.8	1.81	0.039	1.13
9/5/2006	4730.80	639.23	1073.04	12.80	33.76	8.57	8.57	23.8	1.81	0.039	1.13
9/6/2006	4720.90	639.20	1071.38	12.33	33.18	8.19	8.19	23.8	1.81	0.039	1.13
9/7/2006	4710.32	639.17	1069.61	10.89	31.40	7.05	7.05	23.8	1.81	0.039	1.13
9/8/2006	4697.67	639.13	1067.49	9.66	29.90	6.07	6.07	23.8	1.81	0.039	1.13
9/9/2006	4683.24	639.09	1065.07	9.15	29.27	5.67	5.67	23.8	1.81	0.039	1.13
9/10/2006	4668.09	639.04	1062.52	8.65	28.65	5.27	5.27	23.8	1.81	0.039	1.12
9/11/2006	4652.21	639.00	1059.85	8.14	28.02	4.86	4.86	23.8	1.81	0.039	1.12

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9/12/2006	4635.60	638.95	1057.05	7.80	27.61	4.59	4.59	23.8	1.81	0.039	1.12
9/13/2006	4618.51	638.90	1054.18	11.02	31.56	7.15	7.15	23.8	1.81	0.039	1.11
9/14/2006	4606.05	638.86	1052.08	26.22	112.03	35.00	35.00	23.8	1.81	0.039	1.11
9/15/2006	4631.28	638.94	1056.33	40.09	211.09	35.00	35.00	23.8	1.81	0.039	1.12
9/16/2006	4665.46	639.04	1062.08	31.44	149.36	35.00	35.00	23.8	1.81	0.039	1.12
9/17/2006	4694.05	639.12	1066.88	18.69	58.26	24.41	24.41	23.8	1.81	0.039	1.13
9/18/2006	4703.79	639.15	1068.51	13.97	35.19	9.50	9.50	23.8	1.81	0.039	1.13
9/19/2006	4695.58	639.13	1067.14	15.42	36.98	10.65	10.65	23.8	1.81	0.039	1.13
9/20/2006	4689.46	639.11	1066.11	12.69	33.62	8.48	8.48	23.8	1.81	0.039	1.13
9/21/2006	4679.40	639.08	1064.42	11.83	32.56	7.80	7.80	23.8	1.81	0.039	1.13
9/22/2006	4668.11	639.04	1062.52	8.54	28.51	5.18	5.18	23.8	1.81	0.039	1.12
9/23/2006	4652.08	639.00	1059.83	10.22	30.58	6.51	6.51	23.8	1.81	0.039	1.12
9/24/2006	4638.46	638.96	1057.54	10.05	30.37	6.38	6.38	23.8	1.81	0.039	1.12
9/25/2006	4624.61	638.92	1055.20	12.92	33.91	8.67	8.67	23.8	1.81	0.039	1.12
9/26/2006	4614.90	638.89	1053.57	12.16	32.97	8.06	8.06	23.8	1.81	0.039	1.11
9/27/2006	4604.09	638.85	1051.74	9.54	29.74	5.97	5.97	23.8	1.81	0.039	1.11
9/28/2006	4589.50	638.81	1049.28	7.79	27.59	4.58	4.58	23.8	1.81	0.039	1.11
9/29/2006	4572.41	638.76	1046.40	6.99	26.61	3.95	3.95	23.8	1.81	0.039	1.11
9/30/2006	4554.15	638.71	1043.31	6.82	26.40	3.81	3.81	23.8	1.81	0.039	1.10
10/1/2006	4535.66	638.65	1040.18	7.62	27.39	4.45	4.45	23.8	1.81	-0.034	-0.95
10/2/2006	4520.39	638.60	1037.60	7.20	26.86	4.11	4.11	23.8	1.81	-0.034	-0.95
10/3/2006	4504.49	638.56	1034.90	7.02	26.64	3.97	3.97	23.8	1.81	-0.034	-0.95
10/4/2006	4488.33	638.51	1032.16	6.68	26.22	3.70	3.70	23.8	1.81	-0.034	-0.95
10/5/2006	4471.69	638.46	1029.34	6.68	26.22	3.70	3.70	23.8	1.81	-0.034	-0.94
10/6/2006	4455.04	638.41	1026.51	6.68	26.22	3.70	3.70	23.8	1.81	-0.034	-0.94
10/7/2006	4438.39	638.35	1023.68	6.51	26.02	3.57	3.57	23.8	1.81	-0.034	-0.94
10/8/2006	4421.49	638.30	1020.80	6.51	26.02	3.57	3.57	23.8	1.81	-0.034	-0.94
10/9/2006	4404.59	638.25	1017.93	6.51	26.02	3.57	3.57	23.8	1.81	-0.034	-0.93
10/10/2006	4387.68	638.20	1015.05	6.51	26.02	3.57	3.57	23.8	1.81	-0.034	-0.93
10/11/2006	4370.78	638.15	1012.16	6.51	26.02	3.57	3.57	23.8	1.81	-0.034	-0.93
10/12/2006	4353.87	638.09	1009.28	6.51	26.02	3.57	3.57	23.8	1.81	-0.034	-0.93
10/13/2006	4336.96	638.04	1006.39	6.51	26.02	3.57	3.57	23.8	1.81	-0.034	-0.92
10/14/2006	4320.04	637.99	1003.50	6.51	26.02	3.57	3.57	23.8	1.81	-0.034	-0.92
10/15/2006	4303.13	637.94	1000.60	6.51	26.02	3.57	3.57	23.8	1.81	-0.034	-0.92
10/16/2006	4286.21	637.88	997.71	6.34	25.81	3.43	3.43	23.8	1.81	-0.034	-0.92
10/17/2006	4269.04	637.83	994.77	7.04	26.67	3.99	3.99	23.8	1.81	-0.034	-0.91
10/18/2006	4252.88	637.78	992.00	11.21	31.80	7.30	7.30	23.8	1.81	-0.034	-0.91
10/19/2006	4242.73	637.75	990.26	19.90	66.92	30.00	30.00	23.8	1.81	-0.034	-0.91
10/20/2006	4260.89	637.81	993.37	13.76	34.94	9.33	9.33	23.8	1.81	-0.034	-0.91
10/21/2006	4254.42	637.79	992.26	11.56	32.23	7.58	7.58	23.8	1.81	-0.034	-0.91
10/22/2006	4244.77	637.75	990.61	11.05	31.61	7.18	7.18	23.8	1.81	-0.034	-0.91
10/23/2006	4234.39	637.72	988.83	9.38	29.55	5.85	5.85	23.8	1.81	-0.034	-0.91
10/24/2006	4221.60	637.68	986.63	8.24	28.15	4.94	4.94	23.8	1.81	-0.034	-0.91
10/25/2006	4207.17	637.64	984.15	8.67	28.68	5.29	5.29	23.8	1.81	-0.034	-0.90
10/26/2006	4193.35	637.59	981.78	8.33	28.26	5.02	5.02	23.8	1.81	-0.034	-0.90
10/27/2006	4179.05	637.55	979.32	11.55	32.22	7.57	7.57	23.8	1.81	-0.034	-0.90
10/28/2006	4169.37	637.52	977.65	38.03	196.36	35.00	35.00	23.8	1.81	-0.034	-0.90
10/29/2006	4204.24	637.63	983.65	52.84	302.12	35.00	35.00	23.8	1.81	-0.034	-0.90
10/30/2006	4248.68	637.77	991.28	46.13	254.23	35.00	35.00	23.8	1.81	-0.034	-0.91
10/31/2006	4288.79	637.89	998.15	21.51	78.46	35.00	35.00	23.8	1.81	-0.034	-0.92
11/1/2006	4313.00	637.97	1002.29	18.14	54.34	21.87	21.87	23.8	1.81	-0.086	-2.34
11/2/2006	4323.33	638.00	1004.06	15.16	36.66	10.44	10.44	23.8	1.81	-0.086	-2.35
11/3/2006	4320.31	637.99	1003.54	13.18	34.22	8.87	8.87	23.8	1.81	-0.086	-2.35



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11/4/2006	4314.43	637.97	1002.54	12.92	33.91	8.66	8.66	23.8	1.81	-0.086	-2.35
11/5/2006	4308.18	637.95	1001.47	11.60	32.28	7.61	7.61	23.8	1.81	-0.086	-2.34
11/6/2006	4300.02	637.93	1000.07	11.96	32.72	7.90	7.90	23.8	1.81	-0.086	-2.34
11/7/2006	4292.37	637.90	998.76	13.38	34.47	9.03	9.03	23.8	1.81	-0.086	-2.34
11/8/2006	4286.78	637.89	997.80	16.25	40.87	13.17	13.17	23.8	1.81	-0.086	-2.33
11/9/2006	4287.17	637.89	997.87	22.34	84.37	35.00	35.00	23.8	1.81	-0.086	-2.33
11/10/2006	4313.33	637.97	1002.35	22.68	86.78	35.00	35.00	23.8	1.81	-0.086	-2.34
11/11/2006	4339.73	638.05	1006.86	17.60	50.54	19.41	19.41	23.8	1.81	-0.086	-2.36
11/12/2006	4347.26	638.07	1008.15	15.60	37.19	10.79	10.79	23.8	1.81	-0.086	-2.36
11/13/2006	4344.88	638.07	1007.74	14.78	36.19	10.14	10.14	23.8	1.81	-0.086	-2.36
11/14/2006	4341.32	638.06	1007.13	16.06	43.98	15.18	15.18	23.8	1.81	-0.086	-2.36
11/15/2006	4343.63	638.06	1007.53	17.93	87.27	35.00	35.00	23.8	1.81	-0.086	-2.36
11/16/2006	4366.96	638.14	1011.51	62.58	443.87	35.00	35.00	23.8	1.81	-0.086	-2.37
11/17/2006	4419.16	638.30	1020.41	88.81	653.39	35.00	35.00	23.8	1.81	-0.086	-2.39
11/18/2006	4488.34	638.51	1032.16	126.54	954.75	35.00	35.00	23.8	1.81	-0.086	-2.41
11/19/2006	4581.92	638.79	1048.00	75.59	547.81	35.00	35.00	23.8	1.81	-0.086	-2.45
11/20/2006	4642.62	638.97	1058.24	39.66	260.81	35.00	35.00	23.8	1.81	-0.086	-2.48
11/21/2006	4680.12	639.08	1064.54	30.45	187.24	35.00	35.00	23.8	1.81	-0.086	-2.49
11/22/2006	4711.68	639.17	1069.84	19.93	103.27	35.00	35.00	23.8	1.81	-0.086	-2.50
11/23/2006	4736.45	639.24	1073.99	19.69	101.29	35.00	35.00	23.8	1.81	-0.086	-2.51
11/24/2006	4761.08	639.32	1078.11	23.10	128.53	35.00	35.00	23.8	1.81	-0.086	-2.52
11/25/2006	4787.92	639.39	1082.59	17.15	81.02	35.00	35.00	23.8	1.81	-0.086	-2.53
11/26/2006	4810.92	639.46	1086.43	18.62	92.80	35.00	35.00	23.8	1.81	-0.086	-2.54
11/27/2006	4834.89	639.53	1090.42	18.30	90.21	35.00	35.00	23.8	1.81	-0.086	-2.55
11/28/2006	4858.66	639.60	1094.37	17.34	82.53	35.00	35.00	23.8	1.81	-0.086	-2.56
11/29/2006	4881.81	639.66	1098.22	16.75	77.81	35.00	35.00	23.8	1.81	-0.086	-2.57
11/30/2006	4904.60	639.73	1102.00	15.80	70.27	32.17	32.17	23.8	1.81	-0.086	-2.58
12/1/2006	4923.95	639.78	1105.20	16.48	74.12	34.66	34.66	23.8	1.81	-0.039	-1.18
12/2/2006	4944.82	639.84	1108.66	22.59	122.93	35.00	35.00	23.8	1.81	-0.039	-1.18
12/3/2006	4969.99	639.92	1112.81	21.91	117.52	35.00	35.00	23.8	1.81	-0.039	-1.19
12/4/2006	4994.73	639.98	1116.89	18.71	91.98	35.00	35.00	23.8	1.81	-0.039	-1.19
12/5/2006	5017.41	640.05	1120.63	17.94	85.81	35.00	35.00	23.8	1.81	-0.039	-1.20
12/6/2006	5039.59	640.11	1124.27	16.87	77.26	35.00	35.00	23.8	1.81	-0.039	-1.20
12/7/2006	5061.09	640.17	1127.80	16.57	74.86	35.00	35.00	23.8	1.81	-0.039	-1.20
12/8/2006	5082.39	640.23	1131.29	16.01	70.39	32.24	32.24	23.8	1.81	-0.039	-1.21
12/9/2006	5100.58	640.28	1134.27	15.69	67.83	30.59	30.59	23.8	1.81	-0.039	-1.21
12/10/2006	5116.92	640.32	1136.94	15.35	65.13	28.84	28.84	23.8	1.81	-0.039	-1.21
12/11/2006	5131.29	640.36	1139.28	15.35	65.13	28.84	28.84	23.8	1.81	-0.039	-1.22
12/12/2006	5145.66	640.40	1141.63	15.78	68.57	31.06	31.06	23.8	1.81	-0.039	-1.22
12/13/2006	5162.54	640.45	1144.37	16.33	72.91	33.87	33.87	23.8	1.81	-0.039	-1.22
12/14/2006	5182.57	640.50	1147.63	16.17	71.63	33.04	33.04	23.8	1.81	-0.039	-1.22
12/15/2006	5201.68	640.56	1150.74	15.22	64.10	28.18	28.18	23.8	1.81	-0.039	-1.23
12/16/2006	5215.32	640.59	1152.95	14.88	61.39	26.43	26.43	23.8	1.81	-0.039	-1.23
12/17/2006	5226.99	640.62	1154.84	15.39	65.45	29.05	29.05	23.8	1.81	-0.039	-1.23
12/18/2006	5241.61	640.66	1157.21	16.65	75.53	35.00	35.00	23.8	1.81	-0.039	-1.24
12/19/2006	5263.00	640.72	1160.67	15.84	69.06	31.39	31.39	23.8	1.81	-0.039	-1.24
12/20/2006	5280.25	640.77	1163.45	14.28	56.60	23.33	23.33	23.8	1.81	-0.039	-1.24
12/21/2006	5288.45	640.79	1164.78	13.95	53.90	21.58	21.58	23.8	1.81	-0.039	-1.24
12/22/2006	5294.68	640.81	1165.78	19.19	95.79	35.00	35.00	23.8	1.81	-0.039	-1.24
12/23/2006	5317.72	640.87	1169.49	24.12	135.12	35.00	35.00	23.8	1.81	-0.039	-1.25
12/24/2006	5343.94	640.94	1173.70	24.24	136.10	35.00	35.00	23.8	1.81	-0.039	-1.25
12/25/2006	5370.25	641.01	1177.92	33.54	210.42	35.00	35.00	23.8	1.81	-0.039	-1.26
12/26/2006	5402.58	641.09	1183.10	62.47	441.51	35.00	35.00	23.8	1.81	-0.039	-1.26

Date	Reservoir Storage Volume at beginning of day MG	Reservoir Elevation at beginning of day ft	Surface Area of Reservoir acres	Flow into reservoir from Bear Creek cfs	Alcovy River Flow cfs	Available Flow for Pumping from Alcovy River MG	Flow Pumped from Alcovy River MG	Reservoir Yield MG	Outflow to Bear Creek MG	Net Evaporation in/day	Net Evaporation MG
12/27/2006	5453.61	641.23	1191.23	53.69	371.31	35.00	35.00	23.8	1.81	-0.039	-1.27
12/28/2006	5498.97	641.34	1198.44	38.18	247.44	35.00	35.00	23.8	1.81	-0.039	-1.28
12/29/2006	5534.31	641.44	1204.03	24.69	139.68	35.00	35.00	23.8	1.81	-0.039	-1.29
12/30/2006	5560.94	641.50	1208.24	21.19	111.78	35.00	35.00	23.8	1.81	-0.039	-1.29
12/31/2006	5585.32	641.57	1212.08	21.02	110.42	35.00	35.00	23.8	1.81	-0.039	-1.29
1/1/2007	5609.59	641.63	1215.90	35.14	224.21	35.00	35.00	23.8	1.81	-0.072	-2.36
1/2/2007	5644.05	641.72	1221.30	65.67	468.11	35.00	33.28	23.8	1.81	-0.072	-2.37
1/3/2007	5696.54	641.85	1229.50	110.74	828.08	35.00	0.00	23.8	50.16	-0.072	-2.39
1/4/2007	5696.54	641.85	1229.50	70.88	509.72	35.00	0.00	23.8	24.40	-0.072	-2.39
1/5/2007	5696.54	641.85	1229.50	41.78	277.25	35.00	0.00	23.8	5.59	-0.072	-2.39
1/6/2007	5696.54	641.85	1229.50	44.88	302.04	35.00	0.00	23.8	7.60	-0.072	-2.39
1/7/2007	5696.54	641.85	1229.50	47.59	323.67	35.00	0.00	23.8	9.35	-0.072	-2.39
1/8/2007	5696.54	641.85	1229.50	78.07	567.12	35.00	0.00	23.8	29.05	-0.072	-2.39
1/9/2007	5696.54	641.85	1229.50	113.99	854.01	35.00	0.00	23.8	52.26	-0.072	-2.39
1/10/2007	5696.54	641.85	1229.50	118.63	891.07	35.00	0.00	23.8	55.26	-0.072	-2.39
1/11/2007	5696.54	641.85	1229.50	71.53	514.93	35.00	0.00	23.8	24.82	-0.072	-2.39
1/12/2007	5696.54	641.85	1229.50	46.46	314.62	35.00	0.00	23.8	8.61	-0.072	-2.39
1/13/2007	5696.54	641.85	1229.50	37.93	246.52	35.00	0.00	23.8	3.10	-0.072	-2.39
1/14/2007	5696.54	641.85	1229.50	33.36	210.04	35.00	1.66	23.8	1.81	-0.072	-2.39
1/15/2007	5696.54	641.85	1229.50	30.65	188.42	35.00	3.41	23.8	1.81	-0.072	-2.39
1/16/2007	5696.54	641.85	1229.50	29.13	176.25	35.00	4.39	23.8	1.81	-0.072	-2.39
1/17/2007	5696.54	641.85	1229.50	27.27	161.39	35.00	5.59	23.8	1.81	-0.072	-2.39
1/18/2007	5696.54	641.85	1229.50	25.92	150.58	35.00	6.47	23.8	1.81	-0.072	-2.39
1/19/2007	5696.54	641.85	1229.50	25.75	149.23	35.00	6.58	23.8	1.81	-0.072	-2.39
1/20/2007	5696.54	641.85	1229.50	25.24	145.17	35.00	6.91	23.8	1.81	-0.072	-2.39
1/21/2007	5696.54	641.85	1229.50	24.39	138.42	35.00	7.45	23.8	1.81	-0.072	-2.39
1/22/2007	5696.54	641.85	1229.50	39.11	255.98	35.00	0.00	23.8	3.87	-0.072	-2.39
1/23/2007	5696.54	641.85	1229.50	58.20	408.47	35.00	0.00	23.8	16.21	-0.072	-2.39
1/24/2007	5696.54	641.85	1229.50	63.65	452.00	35.00	0.00	23.8	19.73	-0.072	-2.39
1/25/2007	5696.54	641.85	1229.50	43.55	291.43	35.00	0.00	23.8	6.74	-0.072	-2.39
1/26/2007	5696.54	641.85	1229.50	32.21	200.82	35.00	2.40	23.8	1.81	-0.072	-2.39
1/27/2007	5696.54	641.85	1229.50	30.08	183.79	35.00	3.78	23.8	1.81	-0.072	-2.39
1/28/2007	5696.54	641.85	1229.50	27.95	166.79	35.00	5.16	23.8	1.81	-0.072	-2.39
1/29/2007	5696.54	641.85	1229.50	26.42	154.63	35.00	6.14	23.8	1.81	-0.072	-2.39
1/30/2007	5696.54	641.85	1229.50	25.07	143.82	35.00	7.02	23.8	1.81	-0.072	-2.39
1/31/2007	5696.54	641.85	1229.50	23.89	134.36	35.00	7.78	23.8	1.81	-0.072	-2.39
2/1/2007	5696.54	641.85	1229.50	28.16	167.64	35.00	5.87	23.8	1.81	-0.046	-1.55
2/2/2007	5696.54	641.85	1229.50	44.23	296.02	35.00	0.00	23.8	6.33	-0.046	-1.55
2/3/2007	5696.54	641.85	1229.50	63.35	448.72	35.00	0.00	23.8	18.69	-0.046	-1.55
2/4/2007	5696.54	641.85	1229.50	49.48	337.91	35.00	0.00	23.8	9.72	-0.046	-1.55
2/5/2007	5696.54	641.85	1229.50	36.37	233.22	35.00	0.56	23.8	1.81	-0.046	-1.55
2/6/2007	5696.54	641.85	1229.50	31.21	192.03	35.00	3.89	23.8	1.81	-0.046	-1.55
2/7/2007	5696.54	641.85	1229.50	30.51	186.45	35.00	4.34	23.8	1.81	-0.046	-1.55
2/8/2007	5696.54	641.85	1229.50	27.66	163.64	35.00	6.19	23.8	1.81	-0.046	-1.55
2/9/2007	5696.54	641.85	1229.50	26.79	156.71	35.00	6.75	23.8	1.81	-0.046	-1.55
2/10/2007	5696.54	641.85	1229.50	25.77	148.60	35.00	7.41	23.8	1.81	-0.046	-1.55
2/11/2007	5696.54	641.85	1229.50	25.27	144.55	35.00	7.73	23.8	1.81	-0.046	-1.55
2/12/2007	5696.54	641.85	1229.50	23.27	128.59	35.00	9.03	23.8	1.81	-0.046	-1.55
2/13/2007	5696.54	641.85	1229.50	22.41	121.76	35.00	9.58	23.8	1.81	-0.046	-1.55
2/14/2007	5696.54	641.85	1229.50	27.83	165.01	35.00	6.08	23.8	1.81	-0.046	-1.55
2/15/2007	5696.54	641.85	1229.50	28.10	167.17	35.00	5.90	23.8	1.81	-0.046	-1.55
2/16/2007	5696.54	641.85	1229.50	25.72	148.17	35.00	7.44	23.8	1.81	-0.046	-1.55
2/17/2007	5696.54	641.85	1229.50	23.25	128.45	35.00	9.04	23.8	1.81	-0.046	-1.55



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2/18/2007	5696.54	641.85	1229.50	22.24	120.35	35.00	9.69	23.8	1.81	-0.046	-1.55
2/19/2007	5696.54	641.85	1229.50	21.65	115.65	35.00	10.07	23.8	1.81	-0.046	-1.55
2/20/2007	5696.54	641.85	1229.50	20.89	109.60	35.00	10.56	23.8	1.81	-0.046	-1.55
2/21/2007	5696.54	641.85	1229.50	24.11	135.28	35.00	8.48	23.8	1.81	-0.046	-1.55
2/22/2007	5696.54	641.85	1229.50	33.41	209.60	35.00	2.47	23.8	1.81	-0.046	-1.55
2/23/2007	5696.54	641.85	1229.50	39.20	255.85	35.00	0.00	23.8	3.08	-0.046	-1.55
2/24/2007	5696.54	641.85	1229.50	30.19	183.86	35.00	4.55	23.8	1.81	-0.046	-1.55
2/25/2007	5696.54	641.85	1229.50	27.65	163.59	35.00	6.19	23.8	1.81	-0.046	-1.55
2/26/2007	5696.54	641.85	1229.50	30.62	187.27	35.00	4.28	23.8	1.81	-0.046	-1.55
2/27/2007	5696.54	641.85	1229.50	34.43	217.71	35.00	1.81	23.8	1.81	-0.046	-1.55
2/28/2007	5696.54	641.85	1229.50	29.35	177.17	35.00	5.09	23.8	1.81	-0.046	-1.55
3/1/2007	5696.54	641.85	1229.50	35.45	224.39	35.00	2.69	23.8	1.81	0.000	-0.01
3/2/2007	5696.54	641.85	1229.50	209.04	1610.88	35.00	0.00	23.8	111.31	0.000	-0.01
3/3/2007	5696.54	641.85	1229.50	187.05	1435.20	35.00	0.00	23.8	97.10	0.000	-0.01
3/4/2007	5696.54	641.85	1229.50	150.67	1144.66	35.00	0.00	23.8	73.59	0.000	-0.01
3/5/2007	5696.54	641.85	1229.50	84.01	612.23	35.00	0.00	23.8	30.50	0.000	-0.01
3/6/2007	5696.54	641.85	1229.50	53.05	364.93	35.00	0.00	23.8	10.49	0.000	-0.01
3/7/2007	5696.54	641.85	1229.50	41.38	271.69	35.00	0.00	23.8	2.95	0.000	-0.01
3/8/2007	5696.54	641.85	1229.50	34.72	218.50	35.00	3.17	23.8	1.81	0.000	-0.01
3/9/2007	5696.54	641.85	1229.50	32.74	202.67	35.00	4.45	23.8	1.81	0.000	-0.01
3/10/2007	5696.54	641.85	1229.50	30.72	186.55	35.00	5.75	23.8	1.81	0.000	-0.01
3/11/2007	5696.54	641.85	1229.50	29.70	178.45	35.00	6.41	23.8	1.81	0.000	-0.01
3/12/2007	5696.54	641.85	1229.50	28.69	170.34	35.00	7.06	23.8	1.81	0.000	-0.01
3/13/2007	5696.54	641.85	1229.50	27.25	158.87	35.00	7.99	23.8	1.81	0.000	-0.01
3/14/2007	5696.54	641.85	1229.50	26.12	149.80	35.00	8.72	23.8	1.81	0.000	-0.01
3/15/2007	5696.54	641.85	1229.50	25.78	147.10	35.00	8.94	23.8	1.81	0.000	-0.01
3/16/2007	5696.54	641.85	1229.50	27.47	160.61	35.00	7.85	23.8	1.81	0.000	-0.01
3/17/2007	5696.54	641.85	1229.50	29.33	175.47	35.00	6.65	23.8	1.81	0.000	-0.01
3/18/2007	5696.54	641.85	1229.50	29.50	176.83	35.00	6.54	23.8	1.81	0.000	-0.01
3/19/2007	5696.54	641.85	1229.50	28.39	167.97	35.00	7.25	23.8	1.81	0.000	-0.01
3/20/2007	5696.54	641.85	1229.50	24.58	137.52	35.00	9.72	23.8	1.81	0.000	-0.01
3/21/2007	5696.54	641.85	1229.50	25.77	147.03	35.00	8.95	23.8	1.81	0.000	-0.01
3/22/2007	5696.54	641.85	1229.50	21.67	114.32	35.00	11.60	23.8	1.81	0.000	-0.01
3/23/2007	5696.54	641.85	1229.50	22.29	119.21	35.00	11.20	23.8	1.81	0.000	-0.01
3/24/2007	5696.54	641.85	1229.50	22.45	120.56	35.00	11.09	23.8	1.81	0.000	-0.01
3/25/2007	5696.54	641.85	1229.50	22.45	120.56	35.00	11.09	23.8	1.81	0.000	-0.01
3/26/2007	5696.54	641.85	1229.50	21.25	110.90	35.00	11.87	23.8	1.81	0.000	-0.01
3/27/2007	5696.54	641.85	1229.50	21.07	109.53	35.00	11.98	23.8	1.81	0.000	-0.01
3/28/2007	5696.54	641.85	1229.50	20.04	101.25	35.00	12.65	23.8	1.81	0.000	-0.01
3/29/2007	5696.54	641.85	1229.50	16.07	69.56	31.71	15.22	23.8	1.81	0.000	-0.01
3/30/2007	5696.54	641.85	1229.50	18.67	90.34	35.00	13.54	23.8	1.81	0.000	-0.01
3/31/2007	5696.54	641.85	1229.50	18.33	87.64	35.00	13.75	23.8	1.81	0.000	-0.01
4/1/2007	5696.54	641.85	1229.50	18.64	84.98	35.00	18.71	23.8	1.81	0.154	5.15
4/2/2007	5696.54	641.85	1229.50	19.92	95.23	35.00	17.89	23.8	1.81	0.154	5.15
4/3/2007	5696.54	641.85	1229.50	19.95	95.42	35.00	17.87	23.8	1.81	0.154	5.15
4/4/2007	5696.54	641.85	1229.50	19.86	94.69	35.00	17.93	23.8	1.81	0.154	5.15
4/5/2007	5696.54	641.85	1229.50	19.80	94.28	35.00	17.96	23.8	1.81	0.154	5.15
4/6/2007	5696.54	641.85	1229.50	18.61	84.75	35.00	18.73	23.8	1.81	0.154	5.15
4/7/2007	5696.54	641.85	1229.50	17.21	73.53	34.27	19.64	23.8	1.81	0.154	5.15
4/8/2007	5696.54	641.85	1229.50	16.34	66.64	29.82	20.20	23.8	1.81	0.154	5.15
4/9/2007	5696.54	641.85	1229.50	16.11	64.80	28.63	20.35	23.8	1.81	0.154	5.15
4/10/2007	5696.54	641.85	1229.50	16.34	66.61	29.80	20.20	23.8	1.81	0.154	5.15
4/11/2007	5696.54	641.85	1229.50	16.08	64.53	28.45	20.37	23.8	1.81	0.154	5.15

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4/12/2007	5696.54	641.85	1229.50	17.45	75.47	35.00	19.48	23.8	1.81	0.154	5.15
4/13/2007	5696.54	641.85	1229.50	17.76	77.98	35.00	19.28	23.8	1.81	0.154	5.15
4/14/2007	5696.54	641.85	1229.50	17.26	73.96	34.55	19.61	23.8	1.81	0.154	5.15
4/15/2007	5696.54	641.85	1229.50	26.42	147.13	35.00	13.69	23.8	1.81	0.154	5.15
4/16/2007	5696.54	641.85	1229.50	29.60	172.56	35.00	11.63	23.8	1.81	0.154	5.15
4/17/2007	5696.54	641.85	1229.50	33.33	202.29	35.00	9.22	23.8	1.81	0.154	5.15
4/18/2007	5696.54	641.85	1229.50	23.64	124.88	35.00	15.49	23.8	1.81	0.154	5.15
4/19/2007	5696.54	641.85	1229.50	19.89	94.99	35.00	17.91	23.8	1.81	0.154	5.15
4/20/2007	5696.54	641.85	1229.50	18.00	79.87	35.00	19.13	23.8	1.81	0.154	5.15
4/21/2007	5696.54	641.85	1229.50	17.03	72.15	33.38	19.75	23.8	1.81	0.154	5.15
4/22/2007	5696.54	641.85	1229.50	16.41	67.14	30.14	20.16	23.8	1.81	0.154	5.15
4/23/2007	5696.54	641.85	1229.50	15.93	63.34	27.69	20.47	23.8	1.81	0.154	5.15
4/24/2007	5696.54	641.85	1229.50	15.07	56.48	23.25	21.02	23.8	1.81	0.154	5.15
4/25/2007	5696.54	641.85	1229.50	14.16	49.24	18.57	18.57	23.8	1.81	0.154	5.15
4/26/2007	5693.51	641.84	1229.03	13.71	45.61	16.23	16.23	23.8	1.81	0.154	5.15
4/27/2007	5687.84	641.83	1228.15	13.97	47.66	17.55	17.55	23.8	1.81	0.154	5.15
4/28/2007	5683.66	641.82	1227.49	14.37	50.84	19.61	19.61	23.8	1.81	0.154	5.14
4/29/2007	5681.80	641.81	1227.20	13.98	47.73	17.60	17.60	23.8	1.81	0.154	5.14
4/30/2007	5677.68	641.80	1226.56	12.79	38.27	11.48	11.48	23.8	1.81	0.154	5.14
5/1/2007	5666.68	641.77	1224.84	12.49	36.50	10.34	10.34	23.8	1.81	0.136	4.53
5/2/2007	5654.96	641.74	1223.01	11.99	32.76	7.92	7.92	23.8	1.81	0.136	4.52
5/3/2007	5640.50	641.71	1220.74	11.48	32.13	7.52	7.52	23.8	1.81	0.136	4.51
5/4/2007	5625.31	641.67	1218.36	11.14	31.71	7.25	7.25	23.8	1.81	0.136	4.50
5/5/2007	5609.65	641.63	1215.90	16.72	60.21	25.66	25.66	23.8	1.81	0.136	4.49
5/6/2007	5616.01	641.64	1216.90	25.18	137.85	35.00	35.00	23.8	1.81	0.136	4.50
5/7/2007	5637.18	641.70	1220.23	23.06	120.89	35.00	35.00	23.8	1.81	0.136	4.51
5/8/2007	5656.97	641.75	1223.32	12.43	35.98	10.00	10.00	23.8	1.81	0.136	4.52
5/9/2007	5644.88	641.72	1221.43	13.68	45.97	16.46	16.46	23.8	1.81	0.136	4.51
5/10/2007	5640.06	641.71	1220.68	12.54	36.86	10.58	10.58	23.8	1.81	0.136	4.51
5/11/2007	5628.62	641.68	1218.88	12.56	37.00	10.66	10.66	23.8	1.81	0.136	4.50
5/12/2007	5617.28	641.65	1217.10	13.92	47.88	17.69	17.69	23.8	1.81	0.136	4.50
5/13/2007	5613.86	641.64	1216.57	17.33	75.12	35.00	35.00	23.8	1.81	0.136	4.50
5/14/2007	5629.96	641.68	1219.09	15.37	59.49	25.20	25.20	23.8	1.81	0.136	4.50
5/15/2007	5634.98	641.69	1219.88	14.24	50.46	19.36	19.36	23.8	1.81	0.136	4.51
5/16/2007	5633.43	641.69	1219.64	13.82	47.05	17.16	17.16	23.8	1.81	0.136	4.51
5/17/2007	5629.40	641.68	1219.01	11.47	32.12	7.51	7.51	23.8	1.81	0.136	4.50
5/18/2007	5614.21	641.64	1216.62	11.55	32.22	7.57	7.57	23.8	1.81	0.136	4.50
5/19/2007	5599.14	641.60	1214.25	10.80	31.30	6.98	6.98	23.8	1.81	0.136	4.49
5/20/2007	5583.01	641.56	1211.72	10.29	30.67	6.58	6.58	23.8	1.81	0.136	4.48
5/21/2007	5566.15	641.52	1209.06	10.29	30.67	6.58	6.58	23.8	1.81	0.136	4.47
5/22/2007	5549.30	641.47	1206.40	10.29	30.67	6.58	6.58	23.8	1.81	0.136	4.46
5/23/2007	5532.46	641.43	1203.74	10.13	30.47	6.44	6.44	23.8	1.81	0.136	4.45
5/24/2007	5515.39	641.39	1201.04	10.13	30.47	6.44	6.44	23.8	1.81	0.136	4.44
5/25/2007	5498.33	641.34	1198.34	9.45	29.63	5.90	5.90	23.8	1.81	0.136	4.43
5/26/2007	5480.30	641.30	1195.48	8.19	28.09	4.90	4.90	23.8	1.81	0.136	4.42
5/27/2007	5460.47	641.24	1192.33	8.26	28.18	4.96	4.96	23.8	1.81	0.136	4.41
5/28/2007	5440.75	641.19	1189.19	7.69	27.46	4.50	4.50	23.8	1.81	0.136	4.39
5/29/2007	5420.22	641.14	1185.91	7.41	27.12	4.28	4.28	23.8	1.81	0.136	4.38
5/30/2007	5399.29	641.08	1182.57	7.26	26.94	4.16	4.16	23.8	1.81	0.136	4.37
5/31/2007	5378.17	641.03	1179.19	7.09	26.73	4.03	4.03	23.8	1.81	0.136	4.36
6/1/2007	5356.81	640.97	1175.77	6.85	26.43	3.83	3.83	23.8	1.81	0.185	5.90
6/2/2007	5333.56	640.91	1172.04	6.68	26.23	3.70	3.70	23.8	1.81	0.185	5.88
6/3/2007	5310.09	640.85	1168.26	7.35	27.06	4.24	4.24	23.8	1.81	0.185	5.86

Date	Reservoir Storage Volume at beginning of day MG	Reservoir Elevation at beginning of day ft	Surface Area of Reservoir acres	Flow into reservoir from Bear Creek cfs	Alcovy River Flow cfs	Available Flow for Pumping from Alcovy River MG	Flow Pumped from Alcovy River MG	Reservoir Yield MG	Outflow to Bear Creek MG	Net Evaporation in/day	Net Evaporation MG
6/4/2007	5287.62	640.79	1164.64	7.52	27.27	4.37	4.37	23.8	1.81	0.185	5.84
6/5/2007	5265.40	640.73	1161.06	7.02	26.64	3.97	3.97	23.8	1.81	0.185	5.82
6/6/2007	5242.47	640.67	1157.35	6.68	26.23	3.70	3.70	23.8	1.81	0.185	5.80
6/7/2007	5219.08	640.60	1153.56	6.34	25.81	3.43	3.43	23.8	1.81	0.185	5.78
6/8/2007	5195.21	640.54	1149.69	5.83	25.18	3.03	3.03	23.8	1.81	0.185	5.76
6/9/2007	5170.63	640.47	1145.69	5.49	24.77	2.76	2.76	23.8	1.81	0.185	5.74
6/10/2007	5145.59	640.40	1141.61	6.68	26.23	3.70	3.70	23.8	1.81	0.185	5.72
6/11/2007	5122.27	640.34	1137.81	6.51	26.02	3.57	3.57	23.8	1.81	0.185	5.71
6/12/2007	5098.73	640.27	1133.96	6.04	25.44	3.19	3.19	23.8	1.81	0.185	5.69
6/13/2007	5074.53	640.21	1130.00	7.49	27.23	4.35	4.35	23.8	1.81	0.185	5.67
6/14/2007	5052.44	640.15	1126.38	7.85	27.67	4.63	4.63	23.8	1.81	0.185	5.65
6/15/2007	5030.90	640.09	1122.84	7.35	27.05	4.23	4.23	23.8	1.81	0.185	5.63
6/16/2007	5008.63	640.02	1119.18	9.54	29.75	5.98	5.98	23.8	1.81	0.185	5.61
6/17/2007	4989.56	639.97	1116.04	15.16	36.66	10.44	10.44	23.8	1.81	0.185	5.60
6/18/2007	4978.60	639.94	1114.23	9.93	30.23	6.29	6.29	23.8	1.81	0.185	5.59
6/19/2007	4960.11	639.89	1111.18	8.82	28.86	5.40	5.40	23.8	1.81	0.185	5.57
6/20/2007	4940.03	639.83	1107.86	7.66	27.43	4.48	4.48	23.8	1.81	0.185	5.55
6/21/2007	4918.30	639.77	1104.27	7.35	27.05	4.23	4.23	23.8	1.81	0.185	5.54
6/22/2007	4896.13	639.71	1100.60	6.67	26.21	3.69	3.69	23.8	1.81	0.185	5.52
6/23/2007	4873.01	639.64	1096.76	5.99	25.38	3.15	3.15	23.8	1.81	0.185	5.50
6/24/2007	4848.92	639.57	1092.76	5.48	24.76	2.75	2.75	23.8	1.81	0.185	5.48
6/25/2007	4824.13	639.50	1088.63	6.16	25.59	3.29	3.29	23.8	1.81	0.185	5.46
6/26/2007	4800.33	639.43	1084.66	7.01	26.63	3.96	3.96	23.8	1.81	0.185	5.44
6/27/2007	4777.78	639.37	1080.90	5.99	25.38	3.15	3.15	23.8	1.81	0.185	5.42
6/28/2007	4753.77	639.30	1076.89	6.67	26.21	3.69	3.69	23.8	1.81	0.185	5.40
6/29/2007	4730.77	639.23	1073.04	5.82	25.17	3.02	3.02	23.8	1.81	0.185	5.38
6/30/2007	4706.56	639.16	1068.98	4.81	23.26	1.78	1.78	23.8	1.81	0.185	5.36
7/1/2007	4680.48	639.08	1064.60	5.52	24.80	2.78	2.78	23.8	1.81	0.167	4.82
7/2/2007	4656.40	639.01	1060.55	13.94	35.16	9.47	9.47	23.8	1.81	0.167	4.80
7/3/2007	4644.48	638.97	1058.55	14.61	35.98	10.01	10.01	23.8	1.81	0.167	4.79
7/4/2007	4633.52	638.94	1056.70	18.21	54.84	22.19	22.19	23.8	1.81	0.167	4.78
7/5/2007	4637.09	638.95	1057.30	10.83	31.33	7.00	7.00	23.8	1.81	0.167	4.79
7/6/2007	4620.70	638.90	1054.54	9.24	29.38	5.74	5.74	23.8	1.81	0.167	4.77
7/7/2007	4602.03	638.85	1051.40	8.23	28.13	4.93	4.93	23.8	1.81	0.167	4.76
7/8/2007	4581.91	638.79	1048.00	9.08	29.17	5.61	5.61	23.8	1.81	0.167	4.74
7/9/2007	4563.03	638.73	1044.81	7.72	27.51	4.53	4.53	23.8	1.81	0.167	4.73
7/10/2007	4542.21	638.67	1041.29	7.89	27.72	4.66	4.66	23.8	1.81	0.167	4.71
7/11/2007	4521.65	638.61	1037.81	7.55	27.30	4.40	4.40	23.8	1.81	0.167	4.70
7/12/2007	4500.62	638.54	1034.25	11.80	32.52	7.77	7.77	23.8	1.81	0.167	4.68
7/13/2007	4485.73	638.50	1031.72	11.61	32.30	7.62	7.62	23.8	1.81	0.167	4.67
7/14/2007	4470.58	638.45	1029.15	9.08	29.17	5.61	5.61	23.8	1.81	0.167	4.66
7/15/2007	4451.78	638.40	1025.96	12.02	32.80	7.95	7.95	23.8	1.81	0.167	4.64
7/16/2007	4437.25	638.35	1023.48	8.23	28.13	4.93	4.93	23.8	1.81	0.167	4.63
7/17/2007	4417.26	638.29	1020.08	7.72	27.51	4.53	4.53	23.8	1.81	0.167	4.62
7/18/2007	4396.55	638.23	1016.56	7.21	26.89	4.13	4.13	23.8	1.81	0.167	4.60
7/19/2007	4375.13	638.16	1012.90	7.72	27.51	4.53	4.53	23.8	1.81	0.167	4.58
7/20/2007	4354.46	638.10	1009.38	8.23	28.13	4.93	4.93	23.8	1.81	0.167	4.57
7/21/2007	4334.53	638.03	1005.97	7.56	27.31	4.40	4.40	23.8	1.81	0.167	4.55
7/22/2007	4313.65	637.97	1002.40	6.55	26.06	3.60	3.60	23.8	1.81	0.167	4.54
7/23/2007	4291.33	637.90	998.59	9.93	30.23	6.29	6.29	23.8	1.81	0.167	4.52
7/24/2007	4273.91	637.85	995.60	15.05	36.52	10.36	10.36	23.8	1.81	0.167	4.51
7/25/2007	4263.88	637.81	993.88	9.41	29.59	5.88	5.88	23.8	1.81	0.167	4.50
7/26/2007	4245.73	637.76	990.77	8.57	28.55	5.20	5.20	23.8	1.81	0.167	4.48

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7/27/2007	4226.38	637.70	987.45	13.56	34.69	9.17	9.17	23.8	1.81	0.167	4.47
7/28/2007	4214.23	637.66	985.36	17.79	51.87	20.28	20.28	23.8	1.81	0.167	4.46
7/29/2007	4215.93	637.66	985.66	14.58	35.94	9.98	9.98	23.8	1.81	0.167	4.46
7/30/2007	4205.26	637.63	983.82	12.19	33.00	8.08	8.08	23.8	1.81	0.167	4.45
7/31/2007	4191.16	637.59	981.40	11.41	32.04	7.46	7.46	23.8	1.81	0.167	4.44
8/1/2007	4175.93	637.54	978.78	9.95	30.24	6.30	6.30	23.8	1.81	0.089	2.36
8/2/2007	4160.69	637.49	976.16	9.10	29.20	5.63	5.63	23.8	1.81	0.089	2.36
8/3/2007	4144.23	637.44	973.32	7.92	27.75	4.68	4.68	23.8	1.81	0.089	2.35
8/4/2007	4126.07	637.38	970.19	8.59	28.58	5.22	5.22	23.8	1.81	0.089	2.34
8/5/2007	4108.89	637.32	967.23	8.76	28.79	5.36	5.36	23.8	1.81	0.089	2.34
8/6/2007	4091.96	637.27	964.31	6.56	26.08	3.61	3.61	23.8	1.81	0.089	2.33
8/7/2007	4071.87	637.20	960.84	5.55	24.83	2.80	2.80	23.8	1.81	0.089	2.32
8/8/2007	4050.33	637.14	957.12	4.52	22.13	1.05	1.05	23.8	1.81	0.089	2.31
8/9/2007	4026.38	637.06	952.98	4.02	19.27	0.00	0.00	23.8	1.81	0.089	2.30
8/10/2007	4001.06	636.98	948.59	4.20	20.59	0.06	0.06	23.8	1.81	0.089	2.29
8/11/2007	3975.93	636.89	944.24	4.21	20.63	0.08	0.08	23.8	1.81	0.089	2.28
8/12/2007	3950.85	636.81	939.89	4.21	20.63	0.08	0.08	23.8	1.81	0.089	2.27
8/13/2007	3925.77	636.73	935.53	3.67	16.77	0.00	0.00	23.8	1.81	0.089	2.26
8/14/2007	3900.27	636.64	931.10	3.17	13.23	0.00	0.00	23.8	1.81	0.089	2.25
8/15/2007	3874.46	636.56	926.61	2.59	9.12	0.00	0.00	23.8	1.68	0.089	2.24
8/16/2007	3848.42	636.47	922.07	2.39	7.50	0.00	0.00	23.8	1.55	0.089	2.23
8/17/2007	3822.40	636.39	917.54	2.41	7.67	0.00	0.00	23.8	1.56	0.089	2.22
8/18/2007	3796.38	636.30	913.00	5.38	24.63	2.67	2.67	23.8	1.81	0.089	2.21
8/19/2007	3774.71	636.23	909.21	7.41	27.12	4.28	4.28	23.8	1.81	0.089	2.20
8/20/2007	3755.97	636.16	905.94	4.70	22.84	1.51	1.51	23.8	1.81	0.089	2.19
8/21/2007	3732.72	636.08	901.87	3.30	14.14	0.00	0.00	23.8	1.81	0.089	2.18
8/22/2007	3707.06	636.00	897.37	2.71	9.95	0.00	0.00	23.8	1.75	0.089	2.17
8/23/2007	3681.09	635.91	892.82	2.51	8.48	0.00	0.00	23.8	1.63	0.089	2.16
8/24/2007	3655.14	635.82	888.27	2.41	7.67	0.00	0.00	23.8	1.56	0.089	2.15
8/25/2007	3629.19	635.73	883.71	2.36	7.26	0.00	0.00	23.8	1.53	0.089	2.13
8/26/2007	3603.26	635.64	879.15	6.78	26.35	3.78	3.78	23.8	1.81	0.089	2.12
8/27/2007	3583.69	635.57	875.70	11.27	31.88	7.35	7.35	23.8	1.81	0.089	2.12
8/28/2007	3570.61	635.53	873.40	17.54	50.07	19.11	19.11	23.8	1.81	0.089	2.11
8/29/2007	3573.34	635.54	873.88	22.56	85.93	35.00	35.00	23.8	1.81	0.089	2.11
8/30/2007	3595.20	635.61	877.73	33.27	162.39	35.00	35.00	23.8	1.81	0.089	2.12
8/31/2007	3623.97	635.71	882.79	40.39	213.23	35.00	35.00	23.8	1.81	0.089	2.13
9/1/2007	3657.33	635.83	888.65	33.69	165.39	35.00	35.00	23.8	1.81	0.039	0.94
9/2/2007	3687.55	635.93	893.95	18.12	54.24	21.81	21.81	23.8	1.81	0.039	0.95
9/3/2007	3694.52	635.95	895.18	16.09	39.74	12.44	12.44	23.8	1.81	0.039	0.95
9/4/2007	3690.80	635.94	894.52	9.56	29.77	5.99	5.99	23.8	1.81	0.039	0.95
9/5/2007	3676.41	635.89	892.00	8.49	28.45	5.14	5.14	23.8	1.81	0.039	0.94
9/6/2007	3660.49	635.84	889.21	7.31	27.00	4.20	4.20	23.8	1.81	0.039	0.94
9/7/2007	3642.86	635.78	886.11	6.97	26.58	3.93	3.93	23.8	1.81	0.039	0.94
9/8/2007	3624.74	635.71	882.93	6.12	25.54	3.26	3.26	23.8	1.81	0.039	0.93
9/9/2007	3605.42	635.65	879.53	5.61	24.92	2.85	2.85	23.8	1.81	0.039	0.93
9/10/2007	3585.36	635.58	876.00	5.11	24.29	2.45	2.45	23.8	1.81	0.039	0.93
9/11/2007	3564.57	635.50	872.33	4.68	22.76	1.46	1.46	23.8	1.81	0.039	0.92
9/12/2007	3542.53	635.43	868.45	4.43	21.76	0.81	0.81	23.8	1.81	0.039	0.92
9/13/2007	3519.68	635.35	864.41	5.28	24.50	2.59	2.59	23.8	1.81	0.039	0.91
9/14/2007	3499.15	635.28	860.78	8.49	28.45	5.14	5.14	23.8	1.81	0.039	0.91
9/15/2007	3483.26	635.22	857.97	9.97	30.27	6.31	6.31	23.8	1.81	0.039	0.91
9/16/2007	3469.49	635.17	855.54	10.18	30.54	6.49	6.49	23.8	1.81	0.039	0.90
9/17/2007	3456.05	635.12	853.16	9.57	29.78	6.00	6.00	23.8	1.81	0.039	0.90

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9/18/2007	3441.71	635.07	850.62	7.14	26.79	4.07	4.07	23.8	1.81	0.039	0.90
9/19/2007	3423.88	635.01	847.45	5.61	24.92	2.85	2.85	23.8	1.81	0.039	0.90
9/20/2007	3403.86	634.94	843.90	5.28	24.50	2.59	2.59	23.8	1.81	0.039	0.89
9/21/2007	3383.35	634.86	840.25	4.60	22.43	1.25	1.25	23.8	1.81	0.039	0.89
9/22/2007	3361.08	634.78	836.29	4.60	22.43	1.25	1.25	23.8	1.81	0.039	0.88
9/23/2007	3338.80	634.70	832.32	4.94	23.78	2.12	2.12	23.8	1.81	0.039	0.88
9/24/2007	3317.62	634.63	828.54	4.77	23.10	1.68	1.68	23.8	1.81	0.039	0.88
9/25/2007	3295.90	634.55	824.67	4.43	21.76	0.81	0.81	23.8	1.81	0.039	0.87
9/26/2007	3273.09	634.46	820.59	4.60	22.43	1.25	1.25	23.8	1.81	0.039	0.87
9/27/2007	3250.84	634.38	816.60	4.34	21.41	0.59	0.59	23.8	1.81	0.039	0.86
9/28/2007	3227.76	634.30	812.47	4.77	23.10	1.68	1.68	23.8	1.81	0.039	0.86
9/29/2007	3206.06	634.21	808.57	5.11	24.29	2.45	2.45	23.8	1.81	0.039	0.85
9/30/2007	3185.34	634.14	804.85	3.89	18.36	0.00	0.00	23.8	1.81	0.039	0.85
10/1/2007	3161.40	634.05	800.54	3.32	14.29	0.00	0.00	23.8	1.81	-0.034	-0.73
10/2/2007	3138.67	633.96	796.44	3.17	13.20	0.00	0.00	23.8	1.81	-0.034	-0.73
10/3/2007	3115.83	633.88	792.31	2.76	10.30	0.00	0.00	23.8	1.78	-0.034	-0.73
10/4/2007	3092.76	633.79	788.14	2.61	9.21	0.00	0.00	23.8	1.69	-0.034	-0.72
10/5/2007	3069.68	633.70	783.96	2.84	10.91	0.00	0.00	23.8	1.81	-0.034	-0.72
10/6/2007	3046.63	633.61	779.78	3.50	15.61	0.00	0.00	23.8	1.81	-0.034	-0.72
10/7/2007	3024.00	633.53	775.66	3.98	19.00	0.00	0.00	23.8	1.81	-0.034	-0.71
10/8/2007	3001.68	633.44	771.60	4.15	20.21	0.00	0.00	23.8	1.81	-0.034	-0.71
10/9/2007	2979.45	633.35	767.54	3.72	17.18	0.00	0.00	23.8	1.81	-0.034	-0.70
10/10/2007	2956.96	633.26	763.43	5.16	24.36	2.50	2.50	23.8	1.81	-0.034	-0.70
10/11/2007	2937.88	633.19	759.94	5.16	24.36	2.50	2.50	23.8	1.81	-0.034	-0.70
10/12/2007	2918.80	633.11	756.44	6.01	25.40	3.17	3.17	23.8	1.81	-0.034	-0.69
10/13/2007	2900.93	633.04	753.15	4.49	21.98	0.96	0.96	23.8	1.81	-0.034	-0.69
10/14/2007	2879.87	632.96	749.28	3.62	16.46	0.00	0.00	23.8	1.81	-0.034	-0.69
10/15/2007	2857.29	632.87	745.11	3.54	15.86	0.00	0.00	23.8	1.81	-0.034	-0.68
10/16/2007	2834.65	632.78	740.93	3.00	11.99	0.00	0.00	23.8	1.81	-0.034	-0.68
10/17/2007	2811.66	632.68	736.67	2.95	11.63	0.00	0.00	23.8	1.81	-0.034	-0.68
10/18/2007	2788.63	632.59	732.40	3.00	11.99	0.00	0.00	23.8	1.81	-0.034	-0.67
10/19/2007	2765.63	632.50	728.12	4.71	22.86	1.52	1.52	23.8	1.81	-0.034	-0.67
10/20/2007	2745.25	632.41	724.32	4.65	22.65	1.39	1.39	23.8	1.81	-0.034	-0.66
10/21/2007	2724.70	632.33	720.48	4.49	21.98	0.96	0.96	23.8	1.81	-0.034	-0.66
10/22/2007	2703.61	632.24	716.52	5.33	24.57	2.63	2.63	23.8	1.81	-0.034	-0.66
10/23/2007	2684.73	632.16	712.98	6.68	26.23	3.71	3.71	23.8	1.81	-0.034	-0.65
10/24/2007	2667.80	632.09	709.79	6.68	26.23	3.71	3.71	23.8	1.81	-0.034	-0.65
10/25/2007	2650.87	632.02	706.60	8.88	28.94	5.45	5.45	23.8	1.81	-0.034	-0.65
10/26/2007	2637.11	631.96	704.00	9.05	29.15	5.59	5.59	23.8	1.81	-0.034	-0.65
10/27/2007	2623.58	631.90	701.44	8.21	28.11	4.92	4.92	23.8	1.81	-0.034	-0.64
10/28/2007	2608.84	631.84	698.65	6.68	26.23	3.71	3.71	23.8	1.81	-0.034	-0.64
10/29/2007	2591.90	631.77	695.43	6.01	25.40	3.17	3.17	23.8	1.81	-0.034	-0.64
10/30/2007	2573.98	631.69	692.02	5.33	24.57	2.63	2.63	23.8	1.81	-0.034	-0.64
10/31/2007	2555.08	631.61	688.42	4.65	22.65	1.39	1.39	23.8	1.81	-0.034	-0.63
11/1/2007	2534.50	631.52	684.48	4.88	23.54	1.97	1.97	23.8	1.81	-0.086	-1.60
11/2/2007	2515.61	631.43	680.86	6.23	25.68	3.35	3.35	23.8	1.81	-0.086	-1.59
11/3/2007	2498.97	631.36	677.66	6.06	25.47	3.21	3.21	23.8	1.81	-0.086	-1.59
11/4/2007	2482.07	631.29	674.41	6.06	25.47	3.21	3.21	23.8	1.81	-0.086	-1.58
11/5/2007	2465.17	631.21	671.14	5.89	25.26	3.08	3.08	23.8	1.81	-0.086	-1.57
11/6/2007	2448.02	631.13	667.82	5.72	25.05	2.94	2.94	23.8	1.81	-0.086	-1.56
11/7/2007	2430.61	631.06	664.44	5.22	24.43	2.54	2.54	23.8	1.81	-0.086	-1.55
11/8/2007	2412.47	630.97	660.91	4.54	22.20	1.10	1.10	23.8	1.81	-0.086	-1.55
11/9/2007	2392.44	630.88	657.00	4.54	22.20	1.10	1.10	23.8	1.81	-0.086	-1.54

Date	Reservoir Storage Volume at beginning of day MG	Reservoir Elevation at beginning of day ft	Surface Area of Reservoir acres	Flow into reservoir from Bear Creek cfs	Alcovy River Flow cfs	Available Flow for Pumping from Alcovy River MG	Flow Pumped from Alcovy River MG	Reservoir Yield MG	Outflow to Bear Creek MG	Net Evaporation in/day	Net Evaporation MG
11/10/2007	2372.40	630.79	653.08	4.71	22.87	1.53	1.53	23.8	1.81	-0.086	-1.53
11/11/2007	2352.89	630.70	649.25	4.88	23.54	1.97	1.97	23.8	1.81	-0.086	-1.52
11/12/2007	2333.92	630.61	645.52	4.88	23.54	1.97	1.97	23.8	1.81	-0.086	-1.51
11/13/2007	2314.94	630.52	641.77	4.82	23.32	1.82	1.82	23.8	1.81	-0.086	-1.50
11/14/2007	2295.77	630.43	637.97	4.89	23.59	2.00	2.00	23.8	1.81	-0.086	-1.49
11/15/2007	2276.81	630.34	634.20	5.06	24.24	2.41	2.41	23.8	1.81	-0.086	-1.48
11/16/2007	2258.37	630.25	630.53	6.25	25.69	3.36	3.36	23.8	1.81	-0.086	-1.48
11/17/2007	2241.63	630.17	627.18	6.75	26.32	3.76	3.76	23.8	1.81	-0.086	-1.47
11/18/2007	2225.61	630.10	623.97	7.26	26.94	4.16	4.16	23.8	1.81	-0.086	-1.46
11/19/2007	2210.32	630.02	620.89	5.91	25.28	3.09	3.09	23.8	1.81	-0.086	-1.45
11/20/2007	2193.06	629.94	617.41	5.06	24.24	2.41	2.41	23.8	1.81	-0.086	-1.44
11/21/2007	2174.58	629.85	613.68	5.74	25.07	2.95	2.95	23.8	1.81	-0.086	-1.44
11/22/2007	2157.07	629.76	610.12	7.26	26.94	4.16	4.16	23.8	1.81	-0.086	-1.43
11/23/2007	2141.74	629.68	607.00	7.43	27.15	4.30	4.30	23.8	1.81	-0.086	-1.42
11/24/2007	2126.65	629.61	603.92	15.64	37.24	10.82	10.82	23.8	1.81	-0.086	-1.41
11/25/2007	2123.38	629.59	603.25	13.27	34.33	8.94	8.94	23.8	1.81	-0.086	-1.41
11/26/2007	2116.70	629.56	601.89	12.08	32.87	8.00	8.00	23.8	1.81	-0.086	-1.41
11/27/2007	2108.30	629.51	600.17	12.73	33.67	8.51	8.51	23.8	1.81	-0.086	-1.40
11/28/2007	2100.84	629.48	598.64	16.88	45.34	16.05	16.05	23.8	1.81	-0.086	-1.40
11/29/2007	2103.59	629.49	599.20	11.14	31.71	7.24	7.24	23.8	1.81	-0.086	-1.40
11/30/2007	2093.83	629.44	597.19	13.85	35.05	9.40	9.40	23.8	1.81	-0.086	-1.40
12/1/2007	2087.97	629.41	595.99	6.07	25.47	3.21	3.21	23.8	1.81	-0.039	-0.64
12/2/2007	2070.13	629.32	592.31	5.22	24.43	2.54	2.54	23.8	1.81	-0.039	-0.63
12/3/2007	2051.07	629.22	588.37	7.25	26.93	4.15	4.15	23.8	1.81	-0.039	-0.63
12/4/2007	2034.92	629.14	585.01	8.94	29.01	5.50	5.50	23.8	1.81	-0.039	-0.62
12/5/2007	2021.22	629.07	582.16	10.66	31.13	6.87	6.87	23.8	1.81	-0.039	-0.62
12/6/2007	2009.99	629.01	579.82	8.48	28.45	5.14	5.14	23.8	1.81	-0.039	-0.62
12/7/2007	1995.62	628.93	576.81	7.01	26.63	3.96	3.96	23.8	1.81	-0.039	-0.62
12/8/2007	1979.11	628.84	573.34	7.91	27.75	4.68	4.68	23.8	1.81	-0.039	-0.61
12/9/2007	1963.91	628.76	570.14	7.74	27.54	4.55	4.55	23.8	1.81	-0.039	-0.61
12/10/2007	1948.47	628.68	566.88	7.58	27.33	4.41	4.41	23.8	1.81	-0.039	-0.61
12/11/2007	1932.77	628.59	563.55	7.81	27.61	4.60	4.60	23.8	1.81	-0.039	-0.60
12/12/2007	1917.40	628.51	560.28	7.76	27.55	4.56	4.56	23.8	1.81	-0.039	-0.60
12/13/2007	1901.96	628.42	556.99	7.59	27.34	4.42	4.42	23.8	1.81	-0.039	-0.59
12/14/2007	1886.28	628.34	553.64	7.59	27.34	4.42	4.42	23.8	1.81	-0.039	-0.59
12/15/2007	1870.59	628.25	550.27	8.10	27.97	4.83	4.83	23.8	1.81	-0.039	-0.59
12/16/2007	1855.62	628.17	547.04	16.16	40.21	12.74	12.74	23.8	1.81	-0.039	-0.58
12/17/2007	1853.78	628.16	546.65	16.58	43.23	14.69	14.69	23.8	1.81	-0.039	-0.58
12/18/2007	1854.16	628.16	546.73	18.07	53.89	21.58	21.58	23.8	1.81	-0.039	-0.58
12/19/2007	1862.39	628.20	548.50	11.79	32.51	7.76	7.76	23.8	1.81	-0.039	-0.59
12/20/2007	1852.75	628.15	546.42	9.63	29.85	6.04	6.04	23.8	1.81	-0.039	-0.58
12/21/2007	1839.99	628.08	543.66	9.97	30.27	6.32	6.32	23.8	1.81	-0.039	-0.58
12/22/2007	1827.72	628.01	541.01	9.44	29.63	5.90	5.90	23.8	1.81	-0.039	-0.58
12/23/2007	1814.69	627.93	538.17	10.80	31.30	6.98	6.98	23.8	1.81	-0.039	-0.57
12/24/2007	1803.62	627.87	535.76	11.43	32.08	7.48	7.48	23.8	1.81	-0.039	-0.57
12/25/2007	1793.45	627.81	533.54	13.34	34.42	8.99	8.99	23.8	1.81	-0.039	-0.57
12/26/2007	1786.02	627.77	531.92	12.91	33.89	8.65	8.65	23.8	1.81	-0.039	-0.57
12/27/2007	1777.98	627.72	530.15	10.44	30.86	6.69	6.69	23.8	1.81	-0.039	-0.57
12/28/2007	1766.38	627.65	527.61	14.85	36.28	10.20	10.20	23.8	1.81	-0.039	-0.56
12/29/2007	1761.13	627.62	526.45	18.99	60.42	25.80	25.80	23.8	1.81	-0.039	-0.56
12/30/2007	1774.15	627.70	529.31	34.01	167.69	35.00	35.00	23.8	1.81	-0.039	-0.56
12/31/2007	1806.09	627.89	536.30	54.51	314.05	35.00	35.00	23.8	1.81	-0.039	-0.57
1/1/2008	1851.28	628.14	546.11	58.11	339.75	35.00	35.00	23.8	1.81	-0.072	-1.06



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1/2/2008	1899.29	628.41	556.42	56.63	329.23	35.00	35.00	23.8	1.81	-0.072	-1.08
1/3/2008	1946.36	628.67	566.43	33.99	167.53	35.00	35.00	23.8	1.81	-0.072	-1.10
1/4/2008	1978.82	628.84	573.28	22.95	88.69	35.00	35.00	23.8	1.81	-0.072	-1.11
1/5/2008	2004.15	628.98	578.60	19.65	65.17	28.87	28.87	23.8	1.81	-0.072	-1.12
1/6/2008	2021.24	629.07	582.16	17.17	47.44	17.41	17.41	23.8	1.81	-0.072	-1.13
1/7/2008	2025.27	629.09	583.01	16.30	41.22	13.39	13.39	23.8	1.81	-0.072	-1.13
1/8/2008	2024.73	629.08	582.89	13.04	34.05	8.76	8.76	23.8	1.81	-0.072	-1.13
1/9/2008	2017.43	629.05	581.37	14.46	35.80	9.89	9.89	23.8	1.81	-0.072	-1.13
1/10/2008	2012.19	629.02	580.28	16.47	42.44	14.18	14.18	23.8	1.81	-0.072	-1.13
1/11/2008	2012.54	629.02	580.35	20.02	67.81	30.58	30.58	23.8	1.81	-0.072	-1.13
1/12/2008	2031.57	629.12	584.32	23.73	94.29	35.00	35.00	23.8	1.81	-0.072	-1.14
1/13/2008	2057.44	629.25	589.69	28.89	131.10	35.00	35.00	23.8	1.81	-0.072	-1.15
1/14/2008	2086.64	629.40	595.72	21.67	79.55	35.00	35.00	23.8	1.81	-0.072	-1.16
1/15/2008	2111.20	629.53	600.76	18.88	59.67	25.32	25.32	23.8	1.81	-0.072	-1.17
1/16/2008	2124.28	629.60	603.44	16.66	43.80	15.06	15.06	23.8	1.81	-0.072	-1.17
1/17/2008	2125.66	629.60	603.72	20.98	74.64	34.99	34.99	23.8	1.81	-0.072	-1.17
1/18/2008	2149.78	629.72	608.64	24.87	102.43	35.00	35.00	23.8	1.81	-0.072	-1.18
1/19/2008	2176.42	629.86	614.05	28.32	127.02	35.00	35.00	23.8	1.81	-0.072	-1.19
1/20/2008	2205.31	630.00	619.88	26.32	112.78	35.00	35.00	23.8	1.81	-0.072	-1.21
1/21/2008	2232.92	630.13	625.43	20.98	74.66	35.00	35.00	23.8	1.81	-0.072	-1.22
1/22/2008	2257.08	630.25	630.27	20.49	71.17	32.75	32.75	23.8	1.81	-0.072	-1.23
1/23/2008	2278.69	630.35	634.58	19.07	61.03	26.20	26.20	23.8	1.81	-0.072	-1.23
1/24/2008	2292.84	630.42	637.39	18.59	57.56	23.95	23.95	23.8	1.81	-0.072	-1.24
1/25/2008	2304.43	630.47	639.69	17.49	49.75	18.90	18.90	23.8	1.81	-0.072	-1.24
1/26/2008	2310.27	630.50	640.84	15.98	38.94	11.92	11.92	23.8	1.81	-0.072	-1.25
1/27/2008	2308.15	630.49	640.42	15.13	36.63	10.42	10.42	23.8	1.81	-0.072	-1.25
1/28/2008	2303.99	630.47	639.60	14.09	35.34	9.59	9.59	23.8	1.81	-0.072	-1.24
1/29/2008	2298.32	630.44	638.48	13.10	34.12	8.80	8.80	23.8	1.81	-0.072	-1.24
1/30/2008	2291.22	630.41	637.07	15.73	37.37	10.90	10.90	23.8	1.81	-0.072	-1.24
1/31/2008	2287.92	630.40	636.41	15.06	36.54	10.37	10.37	23.8	1.81	-0.072	-1.24
2/1/2008	2283.65	630.37	635.56	28.87	130.98	35.00	35.00	23.8	1.81	-0.046	-0.80
2/2/2008	2312.50	630.51	641.29	43.57	235.93	35.00	35.00	23.8	1.81	-0.046	-0.81
2/3/2008	2350.85	630.69	648.85	59.66	350.86	35.00	35.00	23.8	1.81	-0.046	-0.82
2/4/2008	2399.62	630.91	658.41	43.36	234.49	35.00	35.00	23.8	1.81	-0.046	-0.83
2/5/2008	2437.86	631.09	665.85	30.47	142.42	35.00	35.00	23.8	1.81	-0.046	-0.84
2/6/2008	2467.79	631.22	671.65	27.20	119.09	35.00	35.00	23.8	1.81	-0.046	-0.84
2/7/2008	2495.60	631.35	677.01	25.91	109.82	35.00	35.00	23.8	1.81	-0.046	-0.85
2/8/2008	2522.59	631.47	682.20	25.96	110.19	35.00	35.00	23.8	1.81	-0.046	-0.86
2/9/2008	2549.61	631.58	687.37	22.88	88.21	35.00	35.00	23.8	1.81	-0.046	-0.86
2/10/2008	2574.65	631.69	692.15	17.70	51.19	19.84	19.84	23.8	1.81	-0.046	-0.87
2/11/2008	2581.19	631.72	693.39	18.22	54.92	22.24	22.24	23.8	1.81	-0.046	-0.87
2/12/2008	2590.47	631.76	695.16	17.40	49.05	18.45	18.45	23.8	1.81	-0.046	-0.87
2/13/2008	2595.42	631.78	696.10	16.31	41.32	13.46	13.46	23.8	1.81	-0.046	-0.88
2/14/2008	2594.69	631.78	695.96	17.44	49.39	18.67	18.67	23.8	1.81	-0.046	-0.88
2/15/2008	2599.90	631.80	696.95	17.05	46.55	16.84	16.84	23.8	1.81	-0.046	-0.88
2/16/2008	2603.02	631.81	697.55	14.96	36.41	10.28	10.28	23.8	1.81	-0.046	-0.88
2/17/2008	2598.24	631.79	696.64	12.24	33.07	8.13	8.13	23.8	1.81	-0.046	-0.88
2/18/2008	2589.55	631.76	694.99	19.11	61.29	26.36	26.36	23.8	1.81	-0.046	-0.87
2/19/2008	2603.52	631.82	697.64	21.37	77.46	35.00	35.00	23.8	1.81	-0.046	-0.88
2/20/2008	2627.61	631.92	702.20	22.46	85.21	35.00	35.00	23.8	1.81	-0.046	-0.88
2/21/2008	2652.39	632.03	706.89	19.17	61.75	26.66	26.66	23.8	1.81	-0.046	-0.89
2/22/2008	2666.73	632.09	709.59	30.99	146.12	35.00	35.00	23.8	1.81	-0.046	-0.89
2/23/2008	2697.04	632.21	715.29	58.34	341.41	35.00	35.00	23.8	1.81	-0.046	-0.90



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2/24/2008	2745.03	632.41	724.28	79.83	494.86	35.00	35.00	23.8	1.81	-0.046	-0.91
2/25/2008	2806.93	632.67	735.79	63.22	376.23	35.00	35.00	23.8	1.81	-0.046	-0.93
2/26/2008	2858.10	632.87	745.26	42.84	230.73	35.00	35.00	23.8	1.81	-0.046	-0.94
2/27/2008	2896.11	633.02	752.27	45.71	251.27	35.00	35.00	23.8	1.81	-0.046	-0.95
2/28/2008	2935.99	633.18	759.59	56.20	326.17	35.00	35.00	23.8	1.81	-0.046	-0.96
2/29/2008	2982.66	633.36	768.13	42.33	227.11	35.00	35.00	23.8	1.81	-0.046	-0.97
3/1/2008	3020.38	633.51	775.00	32.17	154.58	35.00	35.00	23.8	1.81	0.000	0.00
3/2/2008	3050.57	633.63	780.49	28.62	129.21	35.00	35.00	23.8	1.81	0.000	0.00
3/3/2008	3078.46	633.73	785.55	25.99	110.41	35.00	35.00	23.8	1.81	0.000	0.00
3/4/2008	3104.65	633.83	790.29	28.09	125.44	35.00	35.00	23.8	1.81	0.000	0.00
3/5/2008	3132.20	633.94	795.27	47.98	267.46	35.00	35.00	23.8	1.81	0.000	0.00
3/6/2008	3172.61	634.09	802.56	67.44	406.40	35.00	35.00	23.8	1.81	0.000	0.00
3/7/2008	3225.59	634.29	812.08	65.75	394.32	35.00	35.00	23.8	1.81	0.000	0.00
3/8/2008	3277.48	634.48	821.37	51.03	289.21	35.00	35.00	23.8	1.81	0.000	0.00
3/9/2008	3319.85	634.63	828.94	46.97	260.22	35.00	35.00	23.8	1.81	0.000	0.00
3/10/2008	3359.60	634.78	836.03	36.82	187.73	35.00	35.00	23.8	1.81	0.000	0.00
3/11/2008	3392.79	634.90	841.93	30.39	141.82	35.00	35.00	23.8	1.81	0.000	0.00
3/12/2008	3421.82	635.00	847.09	27.78	123.17	35.00	35.00	23.8	1.81	0.000	0.00
3/13/2008	3449.17	635.10	851.94	25.89	109.72	35.00	35.00	23.8	1.81	0.000	0.00
3/14/2008	3475.30	635.19	856.56	24.79	101.86	35.00	35.00	23.8	1.81	0.000	0.00
3/15/2008	3500.72	635.28	861.06	31.14	147.18	35.00	35.00	23.8	1.81	0.000	0.00
3/16/2008	3530.24	635.38	866.28	37.74	194.30	35.00	35.00	23.8	1.81	0.000	0.00
3/17/2008	3564.02	635.50	872.24	33.17	161.68	35.00	35.00	23.8	1.81	0.000	0.00
3/18/2008	3594.85	635.61	877.67	27.42	120.60	35.00	35.00	23.8	1.81	0.000	0.00
3/19/2008	3621.97	635.70	882.44	26.23	112.15	35.00	35.00	23.8	1.81	0.000	0.00
3/20/2008	3648.31	635.79	887.07	36.21	183.43	35.00	35.00	23.8	1.81	0.000	0.00
3/21/2008	3681.11	635.91	892.83	49.41	277.66	35.00	35.00	23.8	1.81	0.000	0.00
3/22/2008	3722.44	636.05	900.07	50.09	282.49	35.00	35.00	23.8	1.81	0.000	0.00
3/23/2008	3764.21	636.19	907.38	33.34	162.89	35.00	35.00	23.8	1.81	0.000	0.00
3/24/2008	3795.15	636.29	912.78	27.59	121.81	35.00	35.00	23.8	1.81	0.000	0.00
3/25/2008	3822.37	636.39	917.53	24.54	100.07	35.00	35.00	23.8	1.81	0.000	0.00
3/26/2008	3847.63	636.47	921.94	22.34	84.36	35.00	35.00	23.8	1.81	0.000	0.00
3/27/2008	3871.46	636.55	926.09	20.65	72.28	33.47	33.47	23.8	1.81	0.000	0.00
3/28/2008	3892.67	636.62	929.78	20.46	70.96	32.61	32.61	23.8	1.81	0.000	0.00
3/29/2008	3912.90	636.69	933.29	20.66	72.34	33.50	33.50	23.8	1.81	0.000	0.00
3/30/2008	3934.15	636.76	936.99	30.13	139.99	35.00	35.00	23.8	1.81	0.000	0.00
3/31/2008	3963.02	636.85	942.00	34.70	172.61	35.00	35.00	23.8	1.81	0.000	0.00
4/1/2008	3994.84	636.95	947.51	32.29	155.42	35.00	35.00	23.8	1.81	0.154	3.97
4/2/2008	4021.13	637.04	952.07	27.55	121.59	35.00	35.00	23.8	1.81	0.154	3.99
4/3/2008	4044.34	637.12	956.08	24.68	101.06	35.00	35.00	23.8	1.81	0.154	4.01
4/4/2008	4065.67	637.18	959.77	23.33	91.39	35.00	35.00	23.8	1.81	0.154	4.02
4/5/2008	4086.12	637.25	963.30	36.35	184.42	35.00	35.00	23.8	1.81	0.154	4.04
4/6/2008	4114.97	637.34	968.28	62.92	374.09	35.00	35.00	23.8	1.81	0.154	4.06
4/7/2008	4160.96	637.49	976.20	84.06	525.10	35.00	35.00	23.8	1.81	0.154	4.09
4/8/2008	4220.59	637.68	986.46	72.05	456.35	35.00	35.00	23.8	1.81	0.154	4.13
4/9/2008	4272.41	637.84	995.34	44.30	289.97	35.00	35.00	23.8	1.81	0.154	4.17
4/10/2008	4306.27	637.95	1001.14	34.32	210.24	35.00	35.00	23.8	1.81	0.154	4.20
4/11/2008	4333.65	638.03	1005.82	29.92	175.10	35.00	35.00	23.8	1.81	0.154	4.21
4/12/2008	4358.16	638.11	1010.01	40.92	262.94	35.00	35.00	23.8	1.81	0.154	4.23
4/13/2008	4389.77	638.21	1015.40	47.86	318.35	35.00	35.00	23.8	1.81	0.154	4.25
4/14/2008	4425.83	638.32	1021.54	41.44	267.07	35.00	35.00	23.8	1.81	0.154	4.28
4/15/2008	4457.72	638.41	1026.96	31.12	184.63	35.00	35.00	23.8	1.81	0.154	4.30
4/16/2008	4482.92	638.49	1031.24	27.01	151.83	35.00	35.00	23.8	1.81	0.154	4.32

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4/17/2008	4505.44	638.56	1035.06	24.34	130.51	35.00	35.00	23.8	1.81	0.154	4.34
4/18/2008	4526.23	638.62	1038.59	22.14	112.94	35.00	35.00	23.8	1.81	0.154	4.35
4/19/2008	4545.58	638.68	1041.86	20.96	103.48	35.00	35.00	23.8	1.81	0.154	4.37
4/20/2008	4564.15	638.74	1045.00	20.97	103.56	35.00	35.00	23.8	1.81	0.154	4.38
4/21/2008	4582.71	638.79	1048.14	20.12	96.79	35.00	35.00	23.8	1.81	0.154	4.39
4/22/2008	4600.71	638.84	1051.17	18.26	81.93	35.00	35.00	23.8	1.81	0.154	4.40
4/23/2008	4617.49	638.89	1054.00	17.41	75.17	35.00	35.00	23.8	1.81	0.154	4.42
4/24/2008	4633.72	638.94	1056.74	16.74	69.77	31.84	31.84	23.8	1.81	0.154	4.43
4/25/2008	4646.34	638.98	1058.86	16.69	69.40	31.60	31.60	23.8	1.81	0.154	4.44
4/26/2008	4658.68	639.02	1060.94	16.05	64.29	28.30	28.30	23.8	1.81	0.154	4.45
4/27/2008	4667.30	639.04	1062.39	16.39	67.00	30.05	30.05	23.8	1.81	0.154	4.45
4/28/2008	4677.88	639.07	1064.16	18.08	80.51	35.00	35.00	23.8	1.81	0.154	4.46
4/29/2008	4694.50	639.12	1066.95	19.26	89.97	35.00	35.00	23.8	1.81	0.154	4.47
4/30/2008	4711.87	639.17	1069.87	20.28	98.08	35.00	35.00	23.8	1.81	0.154	4.48
5/1/2008	4729.88	639.23	1072.89	16.38	67.52	30.39	30.39	23.8	1.81	0.136	3.96
5/2/2008	4741.28	639.26	1074.80	15.17	57.90	24.17	24.17	23.8	1.81	0.136	3.97
5/3/2008	4745.68	639.27	1075.53	14.18	49.95	19.03	19.03	23.8	1.81	0.136	3.97
5/4/2008	4744.29	639.27	1075.30	13.67	45.89	16.41	16.41	23.8	1.81	0.136	3.97
5/5/2008	4739.96	639.26	1074.57	13.16	41.84	13.79	13.79	23.8	1.81	0.136	3.97
5/6/2008	4732.68	639.23	1073.36	12.32	35.08	9.43	9.43	23.8	1.81	0.136	3.97
5/7/2008	4720.49	639.20	1071.31	13.91	47.81	17.65	17.65	23.8	1.81	0.136	3.96
5/8/2008	4717.56	639.19	1070.82	8.60	28.59	5.23	5.23	23.8	1.81	0.136	3.96
5/9/2008	4698.79	639.13	1067.67	11.13	31.71	7.24	7.24	23.8	1.81	0.136	3.95
5/10/2008	4683.67	639.09	1065.14	10.96	31.50	7.11	7.11	23.8	1.81	0.136	3.94
5/11/2008	4668.32	639.04	1062.56	17.22	47.83	17.66	17.66	23.8	1.81	0.136	3.93
5/12/2008	4667.57	639.04	1062.43	21.28	100.87	35.00	35.00	23.8	1.81	0.136	3.93
5/13/2008	4686.79	639.10	1065.66	24.34	131.15	35.00	35.00	23.8	1.81	0.136	3.94
5/14/2008	4707.98	639.16	1069.22	15.06	57.01	23.59	23.59	23.8	1.81	0.136	3.95
5/15/2008	4711.75	639.17	1069.85	13.84	47.25	17.29	17.29	23.8	1.81	0.136	3.95
5/16/2008	4708.41	639.16	1069.29	17.39	75.62	35.00	35.00	23.8	1.81	0.136	3.95
5/17/2008	4725.09	639.21	1072.09	22.13	113.46	35.00	35.00	23.8	1.81	0.136	3.96
5/18/2008	4744.83	639.27	1075.39	21.62	109.41	35.00	35.00	23.8	1.81	0.136	3.97
5/19/2008	4764.22	639.33	1078.63	16.38	67.52	30.39	30.39	23.8	1.81	0.136	3.99
5/20/2008	4775.59	639.36	1080.53	13.88	47.59	17.51	17.51	23.8	1.81	0.136	3.99
5/21/2008	4772.47	639.35	1080.01	16.43	67.95	30.67	30.67	23.8	1.81	0.136	3.99
5/22/2008	4784.16	639.38	1081.96	16.78	70.73	32.46	32.46	23.8	1.81	0.136	4.00
5/23/2008	4797.86	639.42	1084.25	16.00	64.53	28.45	28.45	23.8	1.81	0.136	4.01
5/24/2008	4807.04	639.45	1085.78	20.92	103.83	35.00	35.00	23.8	1.81	0.136	4.01
5/25/2008	4825.94	639.50	1088.93	14.13	49.53	18.76	18.76	23.8	1.81	0.136	4.02
5/26/2008	4824.20	639.50	1088.64	15.46	60.15	25.63	25.63	23.8	1.81	0.136	4.02
5/27/2008	4830.18	639.52	1089.64	13.32	43.06	14.58	14.58	23.8	1.81	0.136	4.03
5/28/2008	4823.73	639.50	1088.56	8.94	29.01	5.50	5.50	23.8	1.81	0.136	4.02
5/29/2008	4805.38	639.45	1085.50	9.66	29.89	6.07	6.07	23.8	1.81	0.136	4.01
5/30/2008	4788.07	639.40	1082.62	9.02	29.11	5.56	5.56	23.8	1.81	0.136	4.00
5/31/2008	4769.85	639.34	1079.57	9.45	29.63	5.90	5.90	23.8	1.81	0.136	3.99
6/1/2008	4752.26	639.29	1076.63	9.51	29.70	5.95	5.95	23.8	1.81	0.185	5.40
6/2/2008	4733.35	639.24	1073.47	8.87	28.92	5.44	5.44	23.8	1.81	0.185	5.38
6/3/2008	4713.52	639.18	1070.15	7.81	27.61	4.60	4.60	23.8	1.81	0.185	5.37
6/4/2008	4692.19	639.12	1066.57	7.29	26.98	4.19	4.19	23.8	1.81	0.185	5.35
6/5/2008	4670.14	639.05	1062.86	6.80	26.37	3.79	3.79	23.8	1.81	0.185	5.33
6/6/2008	4647.39	638.98	1059.04	6.22	25.67	3.34	3.34	23.8	1.81	0.185	5.31
6/7/2008	4623.83	638.91	1055.07	5.94	25.32	3.12	3.12	23.8	1.81	0.185	5.29
6/8/2008	4599.88	638.84	1051.03	6.11	25.53	3.25	3.25	23.8	1.81	0.185	5.27

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6/9/2008	4576.21	638.77	1047.04	5.36	24.60	2.65	2.65	23.8	1.81	0.185	5.25
6/10/2008	4551.46	638.70	1042.85	5.00	24.02	2.28	2.28	23.8	1.81	0.185	5.23
6/11/2008	4526.13	638.62	1038.57	4.39	21.61	0.72	0.72	23.8	1.81	0.185	5.21
6/12/2008	4498.87	638.54	1033.95	5.76	25.09	2.97	2.97	23.8	1.81	0.185	5.18
6/13/2008	4474.77	638.47	1029.86	6.83	26.41	3.82	3.82	23.8	1.81	0.185	5.16
6/14/2008	4452.22	638.40	1026.03	6.90	26.50	3.88	3.88	23.8	1.81	0.185	5.14
6/15/2008	4429.81	638.33	1022.22	6.33	25.79	3.42	3.42	23.8	1.81	0.185	5.13
6/16/2008	4406.58	638.26	1018.26	5.94	25.32	3.12	3.12	23.8	1.81	0.185	5.11
6/17/2008	4382.82	638.18	1014.22	7.32	27.02	4.21	4.21	23.8	1.81	0.185	5.09
6/18/2008	4361.08	638.12	1010.51	5.95	25.33	3.12	3.12	23.8	1.81	0.185	5.07
6/19/2008	4337.37	638.04	1006.46	4.77	23.10	1.68	1.68	23.8	1.81	0.185	5.05
6/20/2008	4311.48	637.96	1002.03	4.43	21.76	0.81	0.81	23.8	1.81	0.185	5.02
6/21/2008	4284.52	637.88	997.42	3.74	17.27	0.00	0.00	23.8	1.81	0.185	5.00
6/22/2008	4256.32	637.79	992.59	3.87	18.26	0.00	0.00	23.8	1.81	0.185	4.98
6/23/2008	4228.24	637.70	987.77	5.84	25.20	3.04	3.04	23.8	1.81	0.185	4.95
6/24/2008	4204.49	637.63	983.69	6.29	25.75	3.39	3.39	23.8	1.81	0.185	4.93
6/25/2008	4181.41	637.55	979.72	5.11	24.29	2.45	2.45	23.8	1.81	0.185	4.91
6/26/2008	4156.64	637.48	975.46	3.89	18.38	0.00	0.00	23.8	1.81	0.185	4.89
6/27/2008	4128.65	637.39	970.64	3.85	18.11	0.00	0.00	23.8	1.81	0.185	4.87
6/28/2008	4100.67	637.30	965.81	3.74	17.33	0.00	0.00	23.8	1.81	0.185	4.84
6/29/2008	4072.64	637.21	960.97	4.25	20.96	0.30	0.30	23.8	1.81	0.185	4.82
6/30/2008	4045.25	637.12	956.24	8.27	28.19	4.97	4.97	23.8	1.81	0.185	4.79
7/1/2008	4025.17	637.05	952.77	7.50	27.24	4.35	4.35	23.8	1.81	0.167	4.31
7/2/2008	4004.45	636.99	949.18	6.49	25.99	3.55	3.55	23.8	1.81	0.167	4.30
7/3/2008	3982.28	636.91	945.34	4.46	21.86	0.88	0.88	23.8	1.81	0.167	4.28
7/4/2008	3956.15	636.83	940.81	3.58	16.13	0.00	0.00	23.8	1.81	0.167	4.26
7/5/2008	3928.59	636.74	936.02	3.67	16.80	0.00	0.00	23.8	1.81	0.167	4.24
7/6/2008	3901.12	636.65	931.25	4.69	22.81	1.49	1.49	23.8	1.81	0.167	4.22
7/7/2008	3875.82	636.56	926.85	4.35	21.43	0.60	0.60	23.8	1.81	0.167	4.20
7/8/2008	3849.43	636.48	922.25	4.12	20.00	0.00	0.00	23.8	1.81	0.167	4.17
7/9/2008	3822.30	636.38	917.52	4.63	22.57	1.34	1.34	23.8	1.81	0.167	4.15
7/10/2008	3796.87	636.30	913.08	7.01	26.63	3.96	3.96	23.8	1.81	0.167	4.13
7/11/2008	3775.62	636.23	909.37	11.38	32.01	7.44	7.44	23.8	1.81	0.167	4.12
7/12/2008	3760.69	636.18	906.76	15.67	37.29	10.85	10.85	23.8	1.81	0.167	4.10
7/13/2008	3751.95	636.15	905.23	15.17	36.67	10.45	10.45	23.8	1.81	0.167	4.10
7/14/2008	3742.50	636.12	903.58	9.23	29.37	5.73	5.73	23.8	1.81	0.167	4.09
7/15/2008	3724.50	636.06	900.43	10.21	30.57	6.51	6.51	23.8	1.81	0.167	4.08
7/16/2008	3707.92	636.00	897.52	8.18	28.07	4.89	4.89	23.8	1.81	0.167	4.06
7/17/2008	3688.42	635.93	894.11	5.98	25.37	3.14	3.14	23.8	1.81	0.167	4.05
7/18/2008	3665.77	635.85	890.13	4.79	23.21	1.75	1.75	23.8	1.81	0.167	4.03
7/19/2008	3640.98	635.77	885.78	4.12	20.00	0.00	0.00	23.8	1.81	0.167	4.01
7/20/2008	3614.03	635.68	881.04	3.51	15.67	0.00	0.00	23.8	1.81	0.167	3.99
7/21/2008	3586.70	635.58	876.23	3.73	17.26	0.00	0.00	23.8	1.81	0.167	3.97
7/22/2008	3559.53	635.49	871.45	3.54	15.89	0.00	0.00	23.8	1.81	0.167	3.94
7/23/2008	3532.27	635.39	866.63	3.26	13.90	0.00	0.00	23.8	1.81	0.167	3.92
7/24/2008	3504.85	635.30	861.79	10.97	31.51	7.11	7.11	23.8	1.81	0.167	3.90
7/25/2008	3489.54	635.24	859.08	9.22	29.36	5.72	5.72	23.8	1.81	0.167	3.89
7/26/2008	3471.73	635.18	855.93	7.15	26.81	4.08	4.08	23.8	1.81	0.167	3.87
7/27/2008	3450.95	635.10	852.25	6.23	25.67	3.34	3.34	23.8	1.81	0.167	3.86
7/28/2008	3428.85	635.03	848.33	4.79	23.21	1.75	1.75	23.8	1.81	0.167	3.84
7/29/2008	3404.25	634.94	843.97	3.99	19.07	0.00	0.00	23.8	1.81	0.167	3.82
7/30/2008	3377.40	634.84	839.19	3.88	18.30	0.00	0.00	23.8	1.81	0.167	3.80
7/31/2008	3350.50	634.74	834.41	13.70	34.87	9.29	9.29	23.8	1.81	0.167	3.78

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8/1/2008	3339.25	634.70	832.40	10.05	30.37	6.38	6.38	23.8	1.81	0.089	2.01
8/2/2008	3324.51	634.65	829.77	7.53	27.27	4.37	4.37	23.8	1.81	0.089	2.00
8/3/2008	3306.13	634.58	826.49	6.51	26.02	3.57	3.57	23.8	1.81	0.089	2.00
8/4/2008	3286.30	634.51	822.95	4.52	22.13	1.06	1.06	23.8	1.81	0.089	1.99
8/5/2008	3262.69	634.42	818.73	3.98	19.03	0.00	0.00	23.8	1.81	0.089	1.98
8/6/2008	3237.67	634.33	814.24	3.83	17.95	0.00	0.00	23.8	1.81	0.089	1.97
8/7/2008	3212.57	634.24	809.74	3.25	13.83	0.00	0.00	23.8	1.81	0.089	1.96
8/8/2008	3187.11	634.14	805.16	3.09	12.66	0.00	0.00	23.8	1.81	0.089	1.94
8/9/2008	3161.55	634.05	800.56	2.82	10.75	0.00	0.00	23.8	1.81	0.089	1.93
8/10/2008	3135.83	633.95	795.93	2.89	11.24	0.00	0.00	23.8	1.81	0.089	1.92
8/11/2008	3110.17	633.85	791.29	2.97	11.82	0.00	0.00	23.8	1.81	0.089	1.91
8/12/2008	3084.57	633.76	786.66	2.53	8.62	0.00	0.00	23.8	1.64	0.089	1.90
8/13/2008	3058.87	633.66	782.00	2.27	6.49	0.00	0.00	23.8	1.46	0.089	1.89
8/14/2008	3033.18	633.56	777.33	2.57	8.90	0.00	0.00	23.8	1.66	0.089	1.88
8/15/2008	3007.50	633.46	772.66	2.57	8.96	0.00	0.00	23.8	1.66	0.089	1.87
8/16/2008	2981.84	633.36	767.98	2.66	9.58	0.00	0.00	23.8	1.72	0.089	1.85
8/17/2008	2956.18	633.26	763.29	2.62	9.34	0.00	0.00	23.8	1.70	0.089	1.84
8/18/2008	2930.54	633.16	758.59	2.57	8.96	0.00	0.00	23.8	1.66	0.089	1.83
8/19/2008	2904.90	633.06	753.89	2.56	8.82	0.00	0.00	23.8	1.65	0.089	1.82
8/20/2008	2879.28	632.96	749.17	2.52	8.55	0.00	0.00	23.8	1.63	0.089	1.81
8/21/2008	2853.67	632.85	744.45	2.52	8.55	0.00	0.00	23.8	1.63	0.089	1.80
8/22/2008	2828.08	632.75	739.71	2.17	5.73	0.00	0.00	23.8	1.40	0.089	1.79
8/23/2008	2802.49	632.65	734.97	2.01	4.46	0.00	0.00	23.8	1.30	0.089	1.78
8/24/2008	2776.91	632.54	730.22	2.16	5.68	0.00	0.00	23.8	1.40	0.089	1.76
8/25/2008	2751.35	632.44	725.45	2.44	7.88	0.00	0.00	23.8	1.58	0.089	1.75
8/26/2008	2725.80	632.33	720.68	4.20	20.58	0.05	0.05	23.8	1.81	0.089	1.74
8/27/2008	2701.21	632.23	716.07	16.70	44.05	15.22	15.22	23.8	1.81	0.089	1.73
8/28/2008	2699.88	632.22	715.82	30.97	146.00	35.00	35.00	23.8	1.81	0.089	1.73
8/29/2008	2727.56	632.34	721.01	40.62	214.87	35.00	35.00	23.8	1.81	0.089	1.74
8/30/2008	2761.46	632.48	727.34	17.87	52.43	20.63	20.63	23.8	1.81	0.089	1.76
8/31/2008	2766.28	632.50	728.24	9.32	29.48	5.80	5.80	23.8	1.81	0.089	1.76
9/1/2008	2750.74	632.44	725.34	8.48	28.45	5.14	5.14	23.8	1.81	0.039	0.77
9/2/2008	2734.98	632.37	722.40	7.47	27.20	4.33	4.33	23.8	1.81	0.039	0.76
9/3/2008	2717.77	632.30	719.18	6.29	25.74	3.39	3.39	23.8	1.81	0.039	0.76
9/4/2008	2698.85	632.22	715.63	5.44	24.70	2.72	2.72	23.8	1.81	0.039	0.76
9/5/2008	2678.71	632.14	711.85	4.42	21.74	0.80	0.80	23.8	1.81	0.039	0.75
9/6/2008	2656.01	632.04	707.57	3.92	18.56	0.00	0.00	23.8	1.81	0.039	0.75
9/7/2008	2632.18	631.94	703.07	3.58	16.15	0.00	0.00	23.8	1.81	0.039	0.74
9/8/2008	2608.14	631.84	698.52	3.16	13.18	0.00	0.00	23.8	1.81	0.039	0.74
9/9/2008	2583.84	631.73	693.90	3.22	13.58	0.00	0.00	23.8	1.81	0.039	0.73
9/10/2008	2559.57	631.63	689.28	3.39	14.79	0.00	0.00	23.8	1.81	0.039	0.73
9/11/2008	2535.43	631.52	684.66	4.09	19.77	0.00	0.00	23.8	1.81	0.039	0.72
9/12/2008	2511.73	631.42	680.11	4.26	20.98	0.31	0.31	23.8	1.81	0.039	0.72
9/13/2008	2488.46	631.31	675.64	3.05	12.37	0.00	0.00	23.8	1.81	0.039	0.71
9/14/2008	2464.11	631.21	670.94	3.58	16.15	0.00	0.00	23.8	1.81	0.039	0.71
9/15/2008	2440.10	631.10	666.29	2.53	8.56	0.00	0.00	23.8	1.63	0.039	0.70
9/16/2008	2415.60	630.99	661.52	3.14	13.01	0.00	0.00	23.8	1.81	0.039	0.70
9/17/2008	2391.32	630.88	656.79	2.92	11.44	0.00	0.00	23.8	1.81	0.039	0.69
9/18/2008	2366.90	630.76	652.00	2.78	10.47	0.00	0.00	23.8	1.80	0.039	0.69
9/19/2008	2342.41	630.65	647.19	2.58	9.00	0.00	0.00	23.8	1.67	0.039	0.68
9/20/2008	2317.93	630.54	642.36	2.63	9.38	0.00	0.00	23.8	1.70	0.039	0.68
9/21/2008	2293.45	630.42	637.51	2.22	6.17	0.00	0.00	23.8	1.44	0.039	0.67
9/22/2008	2268.97	630.30	632.64	1.87	3.87	0.00	0.00	23.8	1.21	0.039	0.67

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9/23/2008	2244.51	630.19	627.75	2.46	8.06	0.00	0.00	23.8	1.59	0.039	0.66
9/24/2008	2220.04	630.07	622.85	2.43	7.79	0.00	0.00	23.8	1.57	0.039	0.66
9/25/2008	2195.58	629.95	617.92	2.38	7.38	0.00	0.00	23.8	1.54	0.039	0.65
9/26/2008	2171.13	629.83	612.98	2.33	6.98	0.00	0.00	23.8	1.50	0.039	0.65
9/27/2008	2146.68	629.71	608.01	2.16	5.63	0.00	0.00	23.8	1.39	0.039	0.64
9/28/2008	2122.24	629.59	603.02	1.59	3.31	0.00	0.00	23.8	1.03	0.039	0.64
9/29/2008	2097.80	629.46	598.01	1.58	3.28	0.00	0.00	23.8	1.02	0.039	0.63
9/30/2008	2073.37	629.34	592.98	2.22	6.17	0.00	0.00	23.8	1.44	0.039	0.63
10/1/2008	2048.94	629.21	587.93	2.05	4.77	0.00	0.00	23.8	1.33	-0.034	-0.54
10/2/2008	2025.68	629.09	583.09	1.65	3.43	0.00	0.00	23.8	1.07	-0.034	-0.54
10/3/2008	2002.42	628.97	578.23	1.35	2.80	0.00	0.00	23.8	0.87	-0.034	-0.53
10/4/2008	1979.15	628.84	573.35	1.84	3.83	0.00	0.00	23.8	1.19	-0.034	-0.53
10/5/2008	1955.88	628.72	568.44	1.72	3.58	0.00	0.00	23.8	1.11	-0.034	-0.52
10/6/2008	1932.60	628.59	563.52	1.64	3.40	0.00	0.00	23.8	1.06	-0.034	-0.52
10/7/2008	1909.31	628.47	558.56	1.48	3.08	0.00	0.00	23.8	0.96	-0.034	-0.51
10/8/2008	1886.03	628.34	553.58	2.80	10.62	0.00	0.00	23.8	1.81	-0.034	-0.51
10/9/2008	1862.74	628.21	548.58	20.86	73.79	34.44	34.44	23.8	1.81	-0.034	-0.50
10/10/2008	1885.55	628.33	553.48	24.24	97.93	35.00	35.00	23.8	1.81	-0.034	-0.51
10/11/2008	1911.12	628.48	558.95	35.25	176.54	35.00	35.00	23.8	1.81	-0.034	-0.51
10/12/2008	1943.81	628.65	565.89	18.50	56.96	23.57	23.57	23.8	1.81	-0.034	-0.52
10/13/2008	1954.24	628.71	568.10	15.36	36.91	10.61	10.61	23.8	1.81	-0.034	-0.52
10/14/2008	1949.69	628.69	567.14	7.72	27.51	4.53	4.53	23.8	1.81	-0.034	-0.52
10/15/2008	1934.12	628.60	563.84	7.38	27.09	4.26	4.26	23.8	1.81	-0.034	-0.52
10/16/2008	1918.05	628.51	560.42	6.87	26.47	3.86	3.86	23.8	1.81	-0.034	-0.51
10/17/2008	1901.26	628.42	556.84	6.80	26.37	3.80	3.80	23.8	1.81	-0.034	-0.51
10/18/2008	1884.35	628.33	553.22	9.44	29.62	5.89	5.89	23.8	1.81	-0.034	-0.51
10/19/2008	1871.24	628.25	550.41	11.38	32.01	7.44	7.44	23.8	1.81	-0.034	-0.51
10/20/2008	1860.93	628.20	548.19	7.92	27.75	4.69	4.69	23.8	1.81	-0.034	-0.50
10/21/2008	1845.63	628.11	544.89	7.47	27.20	4.33	4.33	23.8	1.81	-0.034	-0.50
10/22/2008	1829.68	628.02	541.43	6.80	26.37	3.79	3.79	23.8	1.81	-0.034	-0.50
10/23/2008	1812.75	627.92	537.75	6.46	25.95	3.53	3.53	23.8	1.81	-0.034	-0.49
10/24/2008	1795.34	627.82	533.95	6.46	25.95	3.53	3.53	23.8	1.81	-0.034	-0.49
10/25/2008	1777.92	627.72	530.14	6.02	25.41	3.18	3.18	23.8	1.81	-0.034	-0.49
10/26/2008	1759.86	627.62	526.17	7.37	27.08	4.25	4.25	23.8	1.81	-0.034	-0.48
10/27/2008	1743.75	627.52	522.62	9.17	29.28	5.68	5.68	23.8	1.81	-0.034	-0.48
10/28/2008	1730.22	627.44	519.62	7.13	26.79	4.06	4.06	23.8	1.81	-0.034	-0.48
10/29/2008	1713.76	627.34	515.97	5.78	25.12	2.99	2.99	23.8	1.81	-0.034	-0.47
10/30/2008	1695.35	627.23	511.86	5.61	24.91	2.85	2.85	23.8	1.81	-0.034	-0.47
10/31/2008	1676.69	627.12	507.69	5.61	24.91	2.85	2.85	23.8	1.81	-0.034	-0.47
11/1/2008	1658.03	627.00	503.49	4.64	22.58	1.34	1.34	23.8	1.81	-0.086	-1.18
11/2/2008	1637.94	626.88	498.95	4.47	21.91	0.91	0.91	23.8	1.81	-0.086	-1.17
11/3/2008	1617.29	626.75	494.27	4.47	21.91	0.91	0.91	23.8	1.81	-0.086	-1.16
11/4/2008	1596.64	626.62	489.56	4.81	23.25	1.78	1.78	23.8	1.81	-0.086	-1.15
11/5/2008	1577.06	626.49	485.08	5.14	24.34	2.48	2.48	23.8	1.81	-0.086	-1.13
11/6/2008	1558.39	626.37	480.79	4.81	23.25	1.78	1.78	23.8	1.81	-0.086	-1.12
11/7/2008	1538.79	626.25	476.26	5.14	24.34	2.48	2.48	23.8	1.81	-0.086	-1.11
11/8/2008	1520.10	626.12	471.93	5.31	24.55	2.62	2.62	23.8	1.81	-0.086	-1.10
11/9/2008	1501.64	626.00	467.63	5.82	25.17	3.02	3.02	23.8	1.81	-0.086	-1.09
11/10/2008	1483.91	625.88	463.48	7.51	27.25	4.36	4.36	23.8	1.81	-0.086	-1.08
11/11/2008	1468.60	625.78	459.89	7.01	26.63	3.96	3.96	23.8	1.81	-0.086	-1.08
11/12/2008	1452.56	625.67	456.11	6.50	26.00	3.56	3.56	23.8	1.81	-0.086	-1.07
11/13/2008	1435.77	625.55	452.14	6.50	26.00	3.56	3.56	23.8	1.81	-0.086	-1.06
11/14/2008	1418.98	625.44	448.15	7.34	27.04	4.23	4.23	23.8	1.81	-0.086	-1.05

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11/15/2008	1403.39	625.33	444.44	10.80	31.30	6.98	6.98	23.8	1.81	-0.086	-1.04
11/16/2008	1392.78	625.25	441.90	9.95	30.25	6.30	6.30	23.8	1.81	-0.086	-1.03
11/17/2008	1380.93	625.17	439.06	10.17	30.52	6.47	6.47	23.8	1.81	-0.086	-1.03
11/18/2008	1369.39	625.09	436.29	7.51	27.25	4.36	4.36	23.8	1.81	-0.086	-1.02
11/19/2008	1354.02	624.98	432.59	7.51	27.25	4.36	4.36	23.8	1.81	-0.086	-1.01
11/20/2008	1338.65	624.87	428.87	7.01	26.63	3.96	3.96	23.8	1.81	-0.086	-1.00
11/21/2008	1322.53	624.75	424.96	6.84	26.42	3.83	3.83	23.8	1.81	-0.086	-0.99
11/22/2008	1306.16	624.63	420.98	7.01	26.63	3.96	3.96	23.8	1.81	-0.086	-0.98
11/23/2008	1290.02	624.51	417.03	7.17	26.84	4.10	4.10	23.8	1.81	-0.086	-0.98
11/24/2008	1274.12	624.39	413.14	7.34	27.04	4.23	4.23	23.8	1.81	-0.086	-0.97
11/25/2008	1258.45	624.27	409.28	8.02	27.88	4.77	4.77	23.8	1.81	-0.086	-0.96
11/26/2008	1243.75	624.16	405.65	7.85	27.67	4.63	4.63	23.8	1.81	-0.086	-0.95
11/27/2008	1228.80	624.04	401.95	8.36	28.29	5.04	5.04	23.8	1.81	-0.086	-0.94
11/28/2008	1214.57	623.93	398.42	8.36	28.29	5.04	5.04	23.8	1.81	-0.086	-0.93
11/29/2008	1200.33	623.82	394.87	11.69	32.39	7.69	7.69	23.8	1.81	-0.086	-0.92
11/30/2008	1190.88	623.75	392.51	22.62	86.35	35.00	35.00	23.8	1.81	-0.086	-0.92
12/1/2008	1215.81	623.94	398.73	27.07	118.10	35.00	35.00	23.8	1.81	-0.039	-0.43
12/2/2008	1243.12	624.15	405.50	27.46	120.93	35.00	35.00	23.8	1.81	-0.039	-0.43
12/3/2008	1270.69	624.36	412.29	19.53	64.31	28.31	28.31	23.8	1.81	-0.039	-0.44
12/4/2008	1286.46	624.48	416.16	14.63	36.00	10.02	10.02	23.8	1.81	-0.039	-0.44
12/5/2008	1280.76	624.44	414.77	12.44	33.32	8.28	8.28	23.8	1.81	-0.039	-0.44
12/6/2008	1271.92	624.37	412.60	15.33	36.86	10.58	10.58	23.8	1.81	-0.039	-0.44
12/7/2008	1267.24	624.34	411.44	9.00	29.08	5.55	5.55	23.8	1.81	-0.039	-0.44
12/8/2008	1253.43	624.23	408.04	10.88	31.40	7.04	7.04	23.8	1.81	-0.039	-0.44
12/9/2008	1242.33	624.15	405.30	8.78	28.81	5.37	5.37	23.8	1.81	-0.039	-0.43
12/10/2008	1228.20	624.04	401.80	13.45	34.56	9.09	9.09	23.8	1.81	-0.039	-0.43
12/11/2008	1220.80	623.98	399.97	29.20	133.35	35.00	35.00	23.8	1.81	-0.039	-0.43
12/12/2008	1249.49	624.20	407.07	59.70	351.12	35.00	35.00	23.8	1.81	-0.039	-0.43
12/13/2008	1297.89	624.57	418.96	103.47	663.67	35.00	35.00	23.8	1.81	-0.039	-0.45
12/14/2008	1374.60	625.12	437.54	97.75	622.80	35.00	35.00	23.8	1.81	-0.039	-0.47
12/15/2008	1447.64	625.64	454.94	47.05	260.77	35.00	35.00	23.8	1.81	-0.039	-0.49
12/16/2008	1487.92	625.91	464.42	31.53	149.97	35.00	35.00	23.8	1.81	-0.039	-0.50
12/17/2008	1518.18	626.11	471.48	23.86	95.22	35.00	35.00	23.8	1.81	-0.039	-0.50
12/18/2008	1543.49	626.28	477.35	22.09	82.58	35.00	35.00	23.8	1.81	-0.039	-0.51
12/19/2008	1567.67	626.43	482.92	20.23	69.29	31.53	31.53	23.8	1.81	-0.039	-0.52
12/20/2008	1587.18	626.56	487.40	17.56	50.26	19.23	19.23	23.8	1.81	-0.039	-0.52
12/21/2008	1592.68	626.59	488.66	19.16	61.64	26.59	26.59	23.8	1.81	-0.039	-0.52
12/22/2008	1606.56	626.68	491.83	19.50	64.06	28.15	28.15	23.8	1.81	-0.039	-0.52
12/23/2008	1622.23	626.78	495.39	19.83	66.46	29.71	29.71	23.8	1.81	-0.039	-0.53
12/24/2008	1639.67	626.89	499.34	16.27	41.01	13.26	13.26	23.8	1.81	-0.039	-0.53
12/25/2008	1638.36	626.88	499.05	19.64	65.08	28.82	28.82	23.8	1.81	-0.039	-0.53
12/26/2008	1654.80	626.98	502.76	25.71	108.44	35.00	35.00	23.8	1.81	-0.039	-0.54
12/27/2008	1681.34	627.15	508.73	30.44	142.17	35.00	35.00	23.8	1.81	-0.039	-0.54
12/28/2008	1710.95	627.33	515.34	25.53	107.13	35.00	35.00	23.8	1.81	-0.039	-0.55
12/29/2008	1737.38	627.48	521.21	22.80	87.65	35.00	35.00	23.8	1.81	-0.039	-0.56
12/30/2008	1762.07	627.63	526.66	20.59	71.88	33.21	33.21	23.8	1.81	-0.039	-0.56
12/31/2008	1783.53	627.75	531.37	19.28	62.50	27.14	27.14	23.8	1.81	-0.039	-0.57
1/1/2009	1798.09	627.84	534.56	17.78	51.82	20.24	20.24	23.8	1.81	-0.072	-1.04
1/2/2009	1805.26	627.88	536.12	16.77	44.57	15.56	15.56	23.8	1.81	-0.072	-1.04
1/3/2009	1807.08	627.89	536.52	15.09	36.58	10.39	10.39	23.8	1.81	-0.072	-1.04
1/4/2009	1802.66	627.87	535.55	16.18	40.40	12.86	12.86	23.8	1.81	-0.072	-1.04
1/5/2009	1801.41	627.86	535.28	16.34	41.52	13.59	13.59	23.8	1.81	-0.072	-1.04
1/6/2009	1800.99	627.86	535.19	24.32	98.51	35.00	35.00	23.8	1.81	-0.072	-1.04



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1/7/2009	1827.14	628.01	540.88	47.87	266.68	35.00	35.00	23.8	1.81	-0.072	-1.05
1/8/2009	1868.52	628.24	549.82	87.29	548.16	35.00	35.00	23.8	1.81	-0.072	-1.07
1/9/2009	1935.40	628.61	564.11	97.88	623.75	35.00	35.00	23.8	1.81	-0.072	-1.10
1/10/2009	2009.15	629.00	579.64	72.88	445.24	35.00	35.00	23.8	1.81	-0.072	-1.13
1/11/2009	2066.77	629.30	591.62	44.96	245.90	35.00	35.00	23.8	1.81	-0.072	-1.15
1/12/2009	2106.37	629.51	599.77	38.36	198.78	35.00	35.00	23.8	1.81	-0.072	-1.17
1/13/2009	2141.72	629.68	607.00	41.64	222.20	35.00	35.00	23.8	1.81	-0.072	-1.18
1/14/2009	2179.20	629.87	614.61	30.31	141.28	35.00	35.00	23.8	1.81	-0.072	-1.19
1/15/2009	2209.38	630.02	620.70	26.51	114.16	35.00	35.00	23.8	1.81	-0.072	-1.21
1/16/2009	2237.11	630.15	626.27	23.33	91.42	35.00	35.00	23.8	1.81	-0.072	-1.22
1/17/2009	2262.80	630.28	631.41	20.99	74.72	35.00	35.00	23.8	1.81	-0.072	-1.23
1/18/2009	2286.98	630.39	636.23	19.44	63.66	27.89	27.89	23.8	1.81	-0.072	-1.24
1/19/2009	2303.06	630.47	639.42	19.95	67.28	30.23	30.23	23.8	1.81	-0.072	-1.24
1/20/2009	2321.82	630.55	643.13	16.61	43.44	14.82	14.82	23.8	1.81	-0.072	-1.25
1/21/2009	2323.02	630.56	643.37	19.10	61.21	26.31	26.31	23.8	1.81	-0.072	-1.25
1/22/2009	2337.32	630.63	646.19	17.92	52.81	20.88	20.88	23.8	1.81	-0.072	-1.26
1/23/2009	2345.43	630.67	647.79	17.39	48.98	18.40	18.40	23.8	1.81	-0.072	-1.26
1/24/2009	2350.72	630.69	648.83	17.72	51.39	19.97	19.97	23.8	1.81	-0.072	-1.26
1/25/2009	2357.80	630.72	650.22	17.89	52.60	20.75	20.75	23.8	1.81	-0.072	-1.26
1/26/2009	2365.76	630.76	651.78	17.39	48.98	18.40	18.40	23.8	1.81	-0.072	-1.27
1/27/2009	2371.06	630.78	652.82	16.88	45.35	16.06	16.06	23.8	1.81	-0.072	-1.27
1/28/2009	2373.69	630.80	653.34	16.88	45.35	16.06	16.06	23.8	1.81	-0.072	-1.27
1/29/2009	2376.32	630.81	653.85	17.72	51.39	19.97	19.97	23.8	1.81	-0.072	-1.27
1/30/2009	2383.40	630.84	655.24	17.72	51.39	19.97	19.97	23.8	1.81	-0.072	-1.27
1/31/2009	2390.49	630.87	656.62	16.88	45.35	16.06	16.06	23.8	1.81	-0.072	-1.28
2/1/2009	2393.13	630.89	657.14	15.56	37.14	10.76	10.76	23.8	1.81	-0.046	-0.83
2/2/2009	2389.15	630.87	656.36	15.22	36.73	10.49	10.49	23.8	1.81	-0.046	-0.83
2/3/2009	2384.69	630.85	655.49	15.89	38.33	11.52	11.52	23.8	1.81	-0.046	-0.82
2/4/2009	2381.70	630.83	654.90	15.39	36.94	10.62	10.62	23.8	1.81	-0.046	-0.82
2/5/2009	2377.48	630.81	654.08	14.87	36.30	10.21	10.21	23.8	1.81	-0.046	-0.82
2/6/2009	2372.51	630.79	653.10	13.69	34.86	9.28	9.28	23.8	1.81	-0.046	-0.82
2/7/2009	2365.85	630.76	651.80	13.53	34.65	9.14	9.14	23.8	1.81	-0.046	-0.82
2/8/2009	2358.95	630.73	650.44	13.69	34.86	9.28	9.28	23.8	1.81	-0.046	-0.82
2/9/2009	2352.29	630.70	649.13	12.17	32.98	8.07	8.07	23.8	1.81	-0.046	-0.82
2/10/2009	2343.43	630.66	647.39	15.46	37.02	10.68	10.68	23.8	1.81	-0.046	-0.81
2/11/2009	2339.30	630.64	646.58	14.93	36.37	10.26	10.26	23.8	1.81	-0.046	-0.81
2/12/2009	2334.40	630.61	645.61	14.16	35.43	9.65	9.65	23.8	1.81	-0.046	-0.81
2/13/2009	2328.41	630.59	644.43	13.96	35.18	9.49	9.49	23.8	1.81	-0.046	-0.81
2/14/2009	2322.12	630.56	643.19	14.57	35.94	9.98	9.98	23.8	1.81	-0.046	-0.81
2/15/2009	2316.71	630.53	642.12	12.64	33.55	8.44	8.44	23.8	1.81	-0.046	-0.81
2/16/2009	2308.51	630.49	640.50	13.70	34.86	9.28	9.28	23.8	1.81	-0.046	-0.81
2/17/2009	2301.85	630.46	639.18	13.45	34.55	9.08	9.08	23.8	1.81	-0.046	-0.80
2/18/2009	2294.81	630.43	637.78	15.93	38.58	11.68	11.68	23.8	1.81	-0.046	-0.80
2/19/2009	2291.98	630.41	637.22	28.44	127.95	35.00	35.00	23.8	1.81	-0.046	-0.80
2/20/2009	2320.55	630.55	642.88	41.03	217.83	35.00	35.00	23.8	1.81	-0.046	-0.81
2/21/2009	2357.27	630.72	650.11	34.27	169.51	35.00	35.00	23.8	1.81	-0.046	-0.82
2/22/2009	2389.63	630.87	656.45	24.07	96.71	35.00	35.00	23.8	1.81	-0.046	-0.83
2/23/2009	2415.40	630.99	661.48	19.70	65.53	29.11	29.11	23.8	1.81	-0.046	-0.83
2/24/2009	2432.46	631.06	664.80	18.01	53.45	21.30	21.30	23.8	1.81	-0.046	-0.84
2/25/2009	2440.62	631.10	666.39	17.85	52.29	20.55	20.55	23.8	1.81	-0.046	-0.84
2/26/2009	2447.93	631.13	667.80	13.99	35.22	9.51	9.51	23.8	1.81	-0.046	-0.84
2/27/2009	2441.72	631.11	666.60	15.31	36.85	10.56	10.56	23.8	1.81	-0.046	-0.84
2/28/2009	2437.41	631.09	665.76	65.80	394.72	35.00	35.00	23.8	1.81	-0.046	-0.84



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3/1/2009	2490.17	631.32	675.97	170.12	1139.63	35.00	35.00	23.8	1.81	0.000	0.00
3/2/2009	2609.51	631.84	698.78	275.19	1889.86	35.00	35.00	23.8	1.81	0.000	0.00
3/3/2009	2796.76	632.62	733.91	271.81	1865.70	35.00	35.00	23.8	1.81	0.000	0.00
3/4/2009	2981.83	633.36	767.98	214.28	1454.94	35.00	35.00	23.8	1.81	0.000	0.00
3/5/2009	3129.71	633.93	794.82	124.95	817.06	35.00	35.00	23.8	1.81	0.000	0.00
3/6/2009	3219.86	634.27	811.05	83.33	519.87	35.00	35.00	23.8	1.81	0.000	0.00
3/7/2009	3283.11	634.50	822.38	60.83	359.19	35.00	35.00	23.8	1.81	0.000	0.00
3/8/2009	3331.82	634.68	831.08	47.46	263.75	35.00	35.00	23.8	1.81	0.000	0.00
3/9/2009	3371.89	634.82	838.21	40.19	211.80	35.00	35.00	23.8	1.81	0.000	0.00
3/10/2009	3407.26	634.95	844.50	35.79	180.39	35.00	35.00	23.8	1.81	0.000	0.00
3/11/2009	3439.78	635.07	850.27	32.24	155.02	35.00	35.00	23.8	1.81	0.000	0.00
3/12/2009	3470.01	635.17	855.63	29.53	135.69	35.00	35.00	23.8	1.81	0.000	0.00
3/13/2009	3498.49	635.27	860.67	26.99	117.57	35.00	35.00	23.8	1.81	0.000	0.00
3/14/2009	3525.33	635.37	865.41	25.98	110.32	35.00	35.00	23.8	1.81	0.000	0.00
3/15/2009	3551.51	635.46	870.03	50.34	284.28	35.00	35.00	23.8	1.81	0.000	0.00
3/16/2009	3593.44	635.61	877.42	99.07	684.44	35.00	35.00	23.8	1.81	0.000	0.00
3/17/2009	3666.86	635.86	890.32	116.15	868.95	35.00	35.00	23.8	1.81	0.000	0.00
3/18/2009	3751.33	636.15	905.12	102.28	758.14	35.00	35.00	23.8	1.81	0.000	0.00
3/19/2009	3826.82	636.40	918.31	78.09	564.90	35.00	35.00	23.8	1.81	0.000	0.00
3/20/2009	3886.69	636.60	928.74	57.78	402.74	35.00	35.00	23.8	1.81	0.000	0.00
3/21/2009	3933.43	636.75	936.86	44.92	300.03	35.00	35.00	23.8	1.81	0.000	0.00
3/22/2009	3971.86	636.88	943.53	38.33	247.33	35.00	35.00	23.8	1.81	0.000	0.00
3/23/2009	4006.02	636.99	949.45	34.94	220.30	35.00	35.00	23.8	1.81	0.000	0.00
3/24/2009	4038.00	637.10	954.99	32.40	200.03	35.00	35.00	23.8	1.81	0.000	-0.01
3/25/2009	4068.34	637.19	960.23	30.71	186.52	35.00	35.00	23.8	1.81	0.000	-0.01
3/26/2009	4097.58	637.29	965.28	32.74	202.74	35.00	35.00	23.8	1.81	0.000	-0.01
3/27/2009	4128.14	637.39	970.55	56.26	390.57	35.00	35.00	23.8	1.81	0.000	-0.01
3/28/2009	4173.90	637.53	978.43	183.83	1409.49	35.00	35.00	23.8	1.81	0.000	-0.01
3/29/2009	4302.10	637.93	1000.43	407.16	3193.28	35.00	35.00	23.8	1.81	0.000	-0.01
3/30/2009	4574.64	638.77	1046.77	331.02	2585.17	35.00	35.00	23.8	1.81	0.000	-0.01
3/31/2009	4797.98	639.42	1084.27	192.29	1477.06	35.00	35.00	23.8	1.81	0.000	-0.01
4/1/2009	4931.65	639.81	1106.48	115.24	856.58	35.00	35.00	23.8	1.81	0.154	4.64
4/2/2009	5010.89	640.03	1119.55	135.04	1014.69	35.00	35.00	23.8	1.81	0.154	4.69
4/3/2009	5102.86	640.29	1134.64	188.84	1444.42	35.00	35.00	23.8	1.81	0.154	4.75
4/4/2009	5229.55	640.63	1155.26	198.99	1525.50	35.00	35.00	23.8	1.81	0.154	4.84
4/5/2009	5362.71	640.99	1176.72	150.77	1140.37	35.00	35.00	23.8	1.81	0.154	4.93
4/6/2009	5464.61	641.26	1192.98	102.56	755.23	35.00	35.00	23.8	1.81	0.154	5.00
4/7/2009	5535.29	641.44	1204.19	77.52	555.23	35.00	35.00	23.8	1.81	0.154	5.05
4/8/2009	5589.73	641.58	1212.77	62.63	436.31	35.00	35.00	23.8	1.81	0.154	5.08
4/9/2009	5634.51	641.69	1219.81	52.14	352.53	35.00	35.00	23.8	1.81	0.154	5.11
4/10/2009	5672.49	641.79	1225.75	47.40	314.69	35.00	24.16	23.8	1.81	0.154	5.14
4/11/2009	5696.54	641.85	1229.50	58.40	402.53	35.00	0.00	23.8	8.79	0.154	5.15
4/12/2009	5696.54	641.85	1229.50	59.41	410.64	35.00	0.00	23.8	9.45	0.154	5.15
4/13/2009	5696.54	641.85	1229.50	72.10	511.99	35.00	0.00	23.8	17.65	0.154	5.15
4/14/2009	5696.54	641.85	1229.50	85.30	617.39	35.00	0.00	23.8	26.18	0.154	5.15
4/15/2009	5696.54	641.85	1229.50	98.33	721.45	35.00	0.00	23.8	34.60	0.154	5.15
4/16/2009	5696.54	641.85	1229.50	94.94	694.42	35.00	0.00	23.8	32.41	0.154	5.15
4/17/2009	5696.54	641.85	1229.50	69.23	489.02	35.00	0.00	23.8	15.79	0.154	5.15
4/18/2009	5696.54	641.85	1229.50	54.34	370.10	35.00	0.00	23.8	6.17	0.154	5.15
4/19/2009	5696.54	641.85	1229.50	46.55	307.93	35.00	0.67	23.8	1.81	0.154	5.15
4/20/2009	5696.54	641.85	1229.50	46.38	306.58	35.00	0.78	23.8	1.81	0.154	5.15
4/21/2009	5696.54	641.85	1229.50	45.71	301.18	35.00	1.22	23.8	1.81	0.154	5.15
4/22/2009	5696.54	641.85	1229.50	42.15	272.80	35.00	3.52	23.8	1.81	0.154	5.15

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4/23/2009	5696.54	641.85	1229.50	37.08	232.26	35.00	6.80	23.8	1.81	0.154	5.15
4/24/2009	5696.54	641.85	1229.50	35.56	220.10	35.00	7.78	23.8	1.81	0.154	5.15
4/25/2009	5696.54	641.85	1229.50	36.74	229.56	35.00	7.02	23.8	1.81	0.154	5.15
4/26/2009	5696.54	641.85	1229.50	34.03	207.93	35.00	8.77	23.8	1.81	0.154	5.15
4/27/2009	5696.54	641.85	1229.50	30.31	178.20	35.00	11.17	23.8	1.81	0.154	5.15
4/28/2009	5696.54	641.85	1229.50	28.28	161.99	35.00	12.48	23.8	1.81	0.154	5.15
4/29/2009	5696.54	641.85	1229.50	27.10	152.53	35.00	13.25	23.8	1.81	0.154	5.15
4/30/2009	5696.54	641.85	1229.50	25.91	143.07	35.00	14.01	23.8	1.81	0.154	5.15
5/1/2009	5696.54	641.85	1229.50	24.79	134.67	35.00	14.13	23.8	1.81	0.136	4.54
5/2/2009	5696.54	641.85	1229.50	24.79	134.67	35.00	14.13	23.8	1.81	0.136	4.54
5/3/2009	5696.54	641.85	1229.50	26.65	149.54	35.00	12.93	23.8	1.81	0.136	4.54
5/4/2009	5696.54	641.85	1229.50	32.23	194.13	35.00	9.32	23.8	1.81	0.136	4.54
5/5/2009	5696.54	641.85	1229.50	38.66	245.48	35.00	5.17	23.8	1.81	0.136	4.54
5/6/2009	5696.54	641.85	1229.50	45.93	303.59	35.00	0.47	23.8	1.81	0.136	4.54
5/7/2009	5696.54	641.85	1229.50	47.80	318.46	35.00	0.00	23.8	2.55	0.136	4.54
5/8/2009	5696.54	641.85	1229.50	64.21	449.54	35.00	0.00	23.8	13.15	0.136	4.54
5/9/2009	5696.54	641.85	1229.50	70.81	502.24	35.00	0.00	23.8	17.42	0.136	4.54
5/10/2009	5696.54	641.85	1229.50	48.64	325.21	35.00	0.00	23.8	3.09	0.136	4.54
5/11/2009	5696.54	641.85	1229.50	37.48	236.02	35.00	5.93	23.8	1.81	0.136	4.54
5/12/2009	5696.54	641.85	1229.50	32.74	198.19	35.00	8.99	23.8	1.81	0.136	4.54
5/13/2009	5696.54	641.85	1229.50	29.02	168.46	35.00	11.40	23.8	1.81	0.136	4.54
5/14/2009	5696.54	641.85	1229.50	26.14	145.48	35.00	13.26	23.8	1.81	0.136	4.54
5/15/2009	5696.54	641.85	1229.50	24.11	129.27	35.00	14.57	23.8	1.81	0.136	4.54
5/16/2009	5696.54	641.85	1229.50	23.26	122.51	35.00	15.12	23.8	1.81	0.136	4.54
5/17/2009	5696.54	641.85	1229.50	24.28	130.62	35.00	14.46	23.8	1.81	0.136	4.54
5/18/2009	5696.54	641.85	1229.50	26.31	146.84	35.00	13.15	23.8	1.81	0.136	4.54
5/19/2009	5696.54	641.85	1229.50	25.80	142.78	35.00	13.48	23.8	1.81	0.136	4.54
5/20/2009	5696.54	641.85	1229.50	23.43	123.86	35.00	15.01	23.8	1.81	0.136	4.54
5/21/2009	5696.54	641.85	1229.50	20.73	102.24	35.00	16.76	23.8	1.81	0.136	4.54
5/22/2009	5696.54	641.85	1229.50	20.22	98.19	35.00	17.09	23.8	1.81	0.136	4.54
5/23/2009	5696.54	641.85	1229.50	20.89	103.59	35.00	16.65	23.8	1.81	0.136	4.54
5/24/2009	5696.54	641.85	1229.50	31.22	186.02	35.00	9.98	23.8	1.81	0.136	4.54
5/25/2009	5696.54	641.85	1229.50	43.57	284.67	35.00	2.00	23.8	1.81	0.136	4.54
5/26/2009	5696.54	641.85	1229.50	39.17	249.54	35.00	4.84	23.8	1.81	0.136	4.54
5/27/2009	5696.54	641.85	1229.50	34.94	215.75	35.00	7.57	23.8	1.81	0.136	4.54
5/28/2009	5696.54	641.85	1229.50	30.88	183.32	35.00	10.20	23.8	1.81	0.136	4.54
5/29/2009	5696.54	641.85	1229.50	26.48	148.19	35.00	13.04	23.8	1.81	0.136	4.54
5/30/2009	5696.54	641.85	1229.50	23.09	121.16	35.00	15.23	23.8	1.81	0.136	4.54
5/31/2009	5696.54	641.85	1229.50	20.56	100.89	35.00	16.87	23.8	1.81	0.136	4.54