

**HAW RIVER SWAMP WETLAND RESTORATION SITE
ANNUAL WETLAND MONITORING REPORT
YEAR 2 (YEAR 2006)
GUILFORD AND ROCKINGHAM COUNTIES, NORTH CAROLINA**



Natural Resources
Restoration & Conservation

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November 2006

EXECUTIVE SUMMARY

Restoration Systems, LLC, a private environmental restoration company, has completed the restoration of wetlands at the Haw River Swamp Wetland Restoration Site (hereafter referred to as the "Site") to assist the North Carolina Ecosystem Enhancement Program (EEP) in fulfilling restoration goals in the region. The Site is located in the Cape Fear River basin (United States Geological Survey Hydrologic Unit 03030002) approximately 8 miles north of the Greensboro city limits on the Guilford and Rockingham county line. The Site encompasses 60 acres within the Haw River floodplain and as constructed offers riverine wetland restoration, enhancement, and preservation, with benefits to water quality and wildlife in a rapidly developing watershed.

A Detailed Wetland Restoration Plan outlined methods to restore prior-converted (PC) agricultural fields that had been ditched, drained, and cleared for row crop production to pristine riverine wetlands. The plan outlined restoration procedures including 1) the excavation of a floodplain adjacent to the southern bank of Midway Creek in order to reestablish over-bank flooding, 2) plugging and filling sections of an existing canal/ditch system, and 3) diverting a secondary tributary to force discharge down the Haw River floodplain.

The objectives of the Site include the following:

1. Remove agricultural activities from the floodplain and banks of the Haw River.
2. Remove the Site from potential land uses associated with encroaching urbanization.
3. Increase flood storage potential within the Cape Fear Basin.
4. Provide floodplain surfaces to the Haw River for natural redevelopment of geomorphological processes.
5. Re-establish anastomosed stream channels and Piedmont swamp and bottomland forest communities within the floodplain ecosystem.
6. Intercept and assimilate nutrient and sediment-laden run-off from adjacent and upstream watersheds.
7. Assist in establishing a continuous wetland bio-reserve (corridor) between Cone and Benaja Swamps and the adjacent bottomland ecosystems.

The monitoring protocol for the Site consists of an analysis of two primary parameters: hydrology and vegetation. Monitoring of restoration efforts will be performed for a minimum of 5 years or until success criteria are fulfilled. Eight groundwater monitoring gauges and eight 0.11-acre vegetation plots were installed in wetland restoration areas to provide representative coverage across the Site.

The Site achieved defined (or targeted) success criteria for hydrology at all eight restoration area groundwater gauges in the Second Monitoring Year (Year 2006), with greater than 28 consecutive days (12.5 percent) of saturation during the growing season.

As a whole, vegetation plots across the Site were well-above the required 320 stems/acre with an average of 962 stems per acre in the Second Monitoring Year (Year 2006).

TABLE OF CONTENTS

1.0	INTRODUCTION	1
2.0	MONITORING PROGRAM.....	4
2.1	Wetland Hydrology	4
2.1.1	Hydrology Monitoring Procedure.....	4
2.1.2	Hydrologic Success Criteria	4
2.1.3	Hydrological Monitoring Results and Comparison with Success Criteria	6
2.2	Vegetation.....	6
2.2.1	Vegetation Monitoring Procedure.....	6
2.2.2	Vegetation Success Criteria	7
2.2.3	Vegetation Sampling Results and Comparison to Success Criteria.....	8
3.0	CONCLUSIONS	10
4.0	REFERENCES	11

LIST OF TABLES

Table 1.	Site Acreage as Constructed	1
Table 2.	2006 (Year 1) Groundwater Gauge Results.....	6
Table 3.	Reference Forest Plot Summary	7
Table 4.	Planted Species and Densities.....	8
Table 5.	2005 Vegetation Monitoring Data and Results.....	9

LIST OF FIGURES

Figure 1.	Site Location Map	2
Figure 2.	Monitoring Plan.....	5

APPENDICES

Appendix A.	Gauge Data
Appendix B.	Vegetation Plot Photographs
Appendix C.	Wildlife Observations

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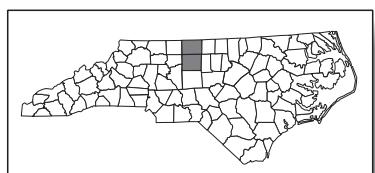
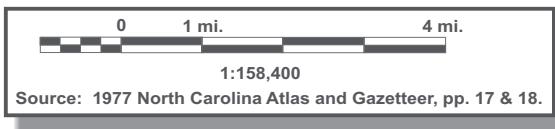
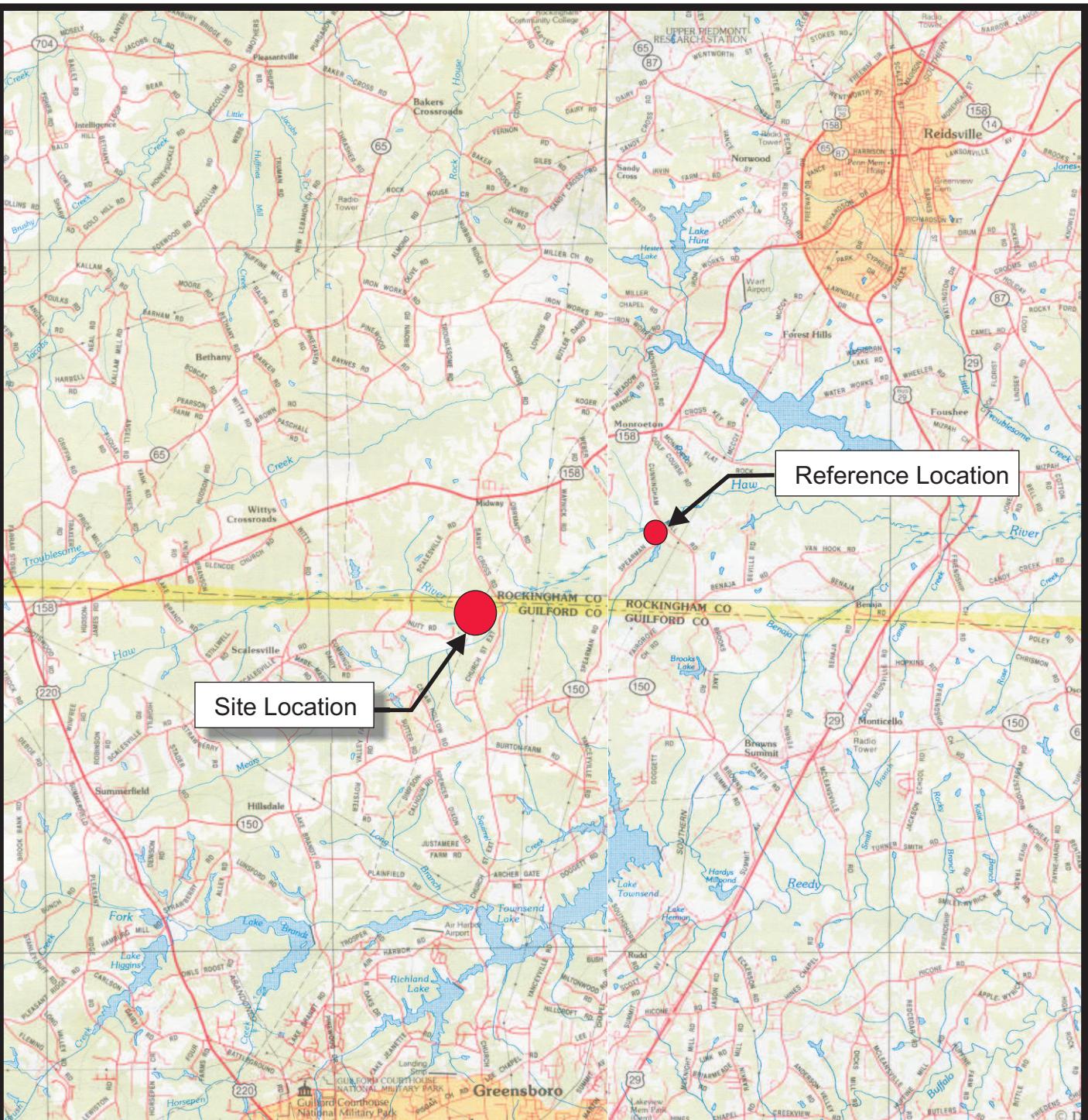
Table 1. Site Acreage as Constructed

Type	Acreage
Riverine Wetland Restoration	26.7
Riverine Wetland Enhancement	2.5
Riverine Wetland Preservation	18.0
Forested Upland Buffer	12.8
TOTAL	60.0

The Detailed Wetland Restoration Plan outlined methods designed to restore prior-converted (PC) agricultural fields that had been ditched, drained, and cleared for row crop production to pristine riverine wetlands. The plan outlined restoration procedures including 1) the excavation of a floodplain adjacent to the southern bank of Midway Creek in order to reestablish over-bank flooding, 2) plugging and filling sections of an existing canal/ditch system, and 3) diverting a secondary tributary to force discharge down the Haw River floodplain.

The objectives of the Site include the following:

1. Remove agricultural activities from the floodplain and banks of the Haw River.
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SITE LOCATION MAP HAW RIVER WETLAND RESTORATION SITE Guilford and Rockingham Counties, North Carolina

Dwn. by:	WGL
Ckd by:	WGL
Date:	May 2005
Project:	05-005

FIGURE
1

In February 2003, EEP contracted with Restoration Systems, LLC to complete Phase I (northern half) of the Site. Subsequently, in August 2004, EEP contracted Restoration Systems to complete Phase II (southern half), the remainder of the Site. A combined Detailed Wetland Restoration Plan was completed for both phases of the project with final permits issued in September 2004. Upon completion of the detailed plan and issuance of permits, construction plans were developed and construction was initiated in February 2005. Backwater Environmental, a subsidiary of Osborne Co. Inc., completed earthwork and grading at the Site and as-built construction drawings in late winter/early spring of 2005. Carolina Silvics completed planting of the Site in April 2005. Axiom Environmental, Inc. completed an as-built mitigation plan in June 2005.

Information on project managers, owners, and contractors follows:

Owner Information

Restoration Systems, LLC
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Monitoring Performer Information

Axiom Environmental, Inc.
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Willow Spring, North Carolina 27529
(919)215-1693

Designer Information

EcoScience Corporation
Jens Geratz and Jerry McCrain
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Raleigh, North Carolina 27604
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Earthwork Contractor Information

Backwater Environmental, Inc.
Wes Newell
P.O. Box 1654
Pittsboro, North Carolina 27312
(919) 523-4375

Planting Contractor Information

Carolina Silvics
Dwight McKinney
908 Indian Trail Road
Edenton, North Carolina 27932
(252) 482-8491

As outlined in the Detailed Wetland Restoration Plan, this project was designed and constructed based upon reference (relatively undisturbed) wetlands downstream of the Site (Figure 1). As-Built construction drawings dated May 2005 include Site alterations designed to restore groundwater, surface flow dynamics, and wetland hydrology as follows 1) installation of ditch plugs, 2) ditch and canal backfilling, 3) wetland depression excavation, 4) installation of log weir outfall structures at outfall points, 5) river levee removal, 6) Midway Creek alterations, 8) unnamed tributary diversion, and 9) planting of 24,950 seedlings.

This report represents the Second Year Annual Monitoring Report. Monitoring activities were performed throughout Year 2006, including recording groundwater table elevations and plant species densities.

2.0 MONITORING PROGRAM

The Site monitoring protocol consists of a comparison between reference and restoration areas along with evaluation of jurisdictional wetland criteria (Environmental Laboratory 1987). Monitoring will entail analysis of two primary parameters: hydrology and vegetation. Monitoring of restoration efforts will be performed for a minimum of 5 years or until success criteria are fulfilled. The monitoring program is described below.

The restoration area has been subdivided into swamp forest, bottomland hardwood forest, and mesic forest based on Site construction as depicted in Figure 2. Community patterns continue to develop, with a variety of tree seedlings surviving in local niches along the hydrology gradient. The initial plan was to classify Site vegetation into three broad plant community assemblages based on hydroperiod, primarily as a function of floodplain location. Community classifications included: 1) bottomland hardwood forest on floodplain flats, 2) swamp forest in floodplain depressions, and 3) mesic forest on upper floodplain slopes. However, the landscape diversity suggests that the bottomland hardwood forest and swamp forest will be well intermixed across the Site in the future. Therefore, these communities may need to be combined into one group: bottomland hardwood/swamp forest. In addition, several emergent areas may remain permanently inundated and may need to be reclassified. However, this annual monitoring report continues to differentiate between the three community classifications stated above.

2.1 Wetland Hydrology

2.1.1 Hydrology Monitoring Procedure

After hydrological modifications were completed at the Site, continuous recording, groundwater monitoring gauges were installed in accordance with specifications in *Installing Monitoring Wells/Piezometers in Wetlands* (NCWRP 1993). Monitoring gauges were set to a depth of approximately 24 inches below the soil surface. Screened portions of each gauge were surrounded by filter fabric, buried in a sand screen, and sealed with a bentonite cap to prevent siltation and surface flow infiltration during floods.

Eight monitoring gauges were installed in wetland restoration areas to provide representative coverage within each community (Figure 2). Hydrologic sampling will be carried out in restoration areas during the growing season (March 26 to November 6) at daily intervals necessary to satisfy the hydrology success criteria.

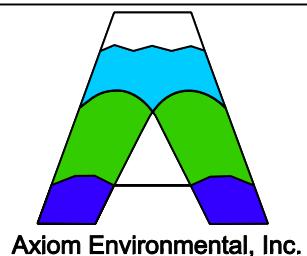
2.1.2 Hydrologic Success Criteria

Target hydrological goals have been developed using regulatory wetland hydrology criteria and reference wetland sites.

Regulatory Wetland Hydrology Criteria

The regulatory wetland hydrology criteria require saturation (free water) within 1 foot of the soil surface for 5 percent of the growing season under normal climatic conditions. In some instances, the regulatory wetland hydroperiod may range from 5 and 12.5 percent of the growing season.

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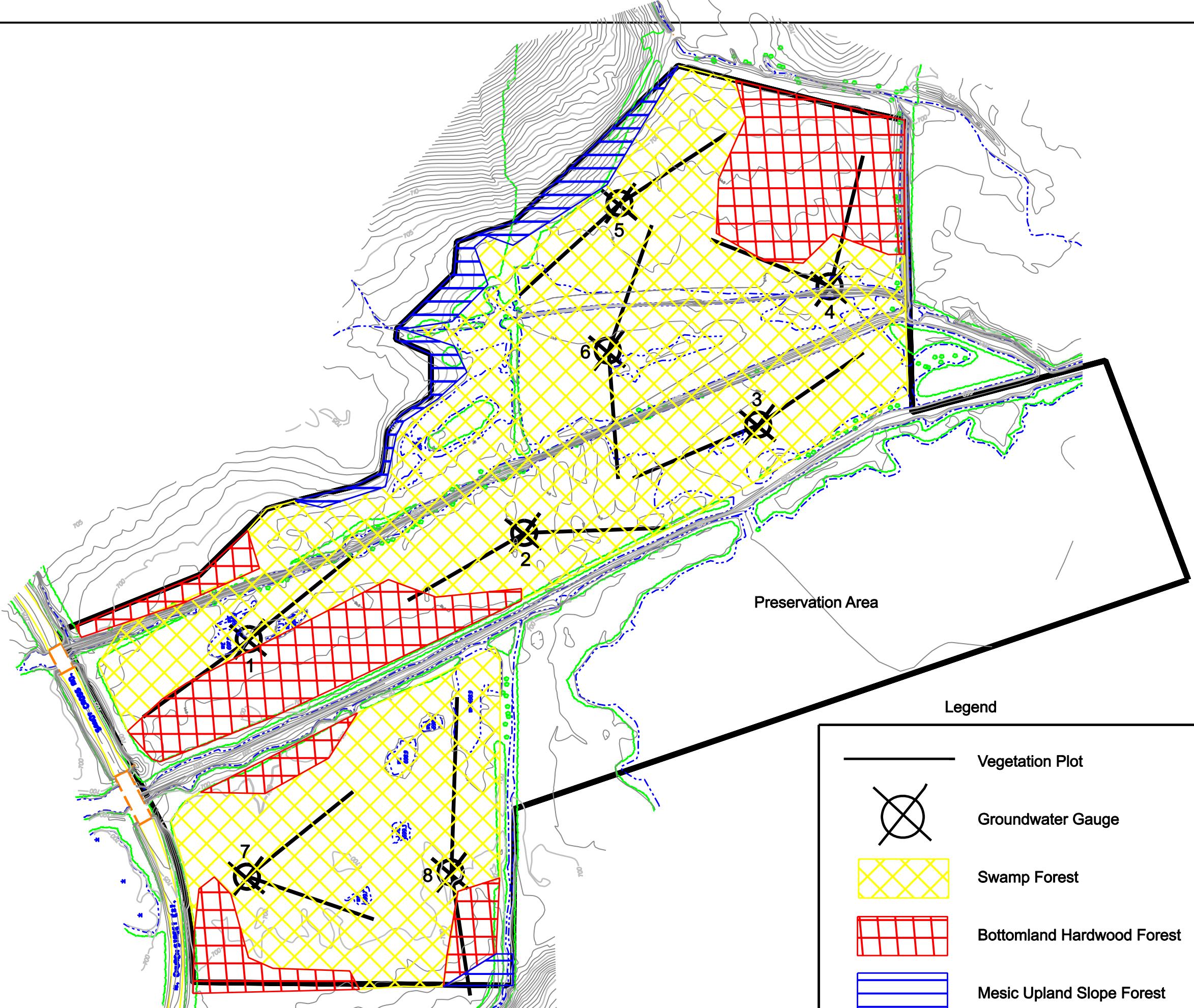
NOTES/REVISIONS

Project:
**Haw River Swamp
Wetland Restoration
Site**

Guilford and Rockingham
Counties
North Carolina

Title:
**Monitoring
Plan**

Scale: 1 inch = 220 feet	Figure
Date: November 2005	
Project No.: 05-002.17	2



Based on the Detailed Wetland Restoration Plan, under normal climatic conditions, the hydrologic success criterion requires saturation (free water) within 1 foot of the soil surface for a minimum of 5 percent of the growing season for the floodplain flats (bottomland hardwood forest) areas depicted in Figure 2. The floodplain depressions (swamp forest) must support saturation (free water) within 1 foot of the soil surface for a minimum of 12.5 percent of the growing season. This hydroperiod translates to saturation for a minimum 12-day (5 percent) to 28-day (12.5 percent) consecutive period during the growing season, which extends from March 26 to November 6 (USDA 1977).

2.1.3 Hydrological Monitoring Results and Comparison with Success Criteria

Hydrographs for each monitoring location are provided in Appendix A along with daily rainfall totals for 2006 collected at the Piedmont Triad International Airport, located approximately 12 miles southwest of the Site. All gauges achieved hydrology success criteria for the Second Year (Year 2006) of annual monitoring with greater than 28 consecutive days (12.5 percent) of saturation during the growing season, as required for swamp forest hydrology (Table 2).

Table 2. 2006 (Year 1) Groundwater Gauge Results

Gauge	Community	Max Consecutive Days Saturated During Growing Season (Percent)	Defined (or Targeted) Success Criteria Achieved
1	swamp forest	74 days (32.7 %)	Yes
2	swamp forest	55 days (24.3 %)	Yes
3	swamp forest	226 days (100 %)	Yes
4	swamp forest	154 days (68.1 %)	Yes
5	swamp forest	66 days (29.2 %)	Yes
6	swamp forest	226 days (100 %)	Yes
7	swamp forest	55 days (24.3 %)	Yes
8	swamp forest	159 days (70.4 %)	Yes
BH Ref	bottomland hardwoods	22 days (9.7%)	Yes
SF Ref	swamp forest	226 days (100 %)	Yes

2.2 Vegetation

2.2.1 Vegetation Monitoring Procedure

Restoration monitoring procedures for vegetation are designed in accordance with guidelines presented in *Mitigation Site Classification* (MiST) documentation (USEPA 1990) and *Compensatory Hardwood Mitigation Guidelines* (USDOA 1993). The following presents a general discussion of the monitoring protocol.

Vegetation will receive visual evaluations during the periodic reading of monitoring gauges to ascertain the general conditions and degree of overtopping of planted elements by weeds. Subsequently, quantitative sampling of vegetation will be performed once annually during the fall for a minimum of 5 years or until vegetation success criteria are achieved. Sampling dates may be modified to accommodate river flood events and plot inundation, if needed.

Sixteen sample transects (8 plots) were installed within planted areas of the Site to represent the various hydrologic regimes and plant communities (Figure 2). Each transect is 300 feet long and 8 feet wide (0.055

acre). Two transects were set up on each of the eight groundwater monitoring gauges for a total of eight, 0.11-acre plots. In each sample plot, monitored vegetation parameters include species composition and density. Visual observations of the percent cover of shrub and herbaceous species will be recorded but not used for vegetative success criteria. Photographs of the 8 vegetation plots are included in Appendix B.

2.2.2 Vegetation Success Criteria

Success criteria have been established to verify that the vegetation component supports community elements necessary for floodplain forest development. Success criteria are dependent upon the density and growth of characteristic forest species. Additional success criteria are dependent upon density and growth of "Character Tree Species," which include planted species, species listed by Schafale and Weakley (1990) as occurring in Piedmont bottomland and swamp forests, and species identified in the reference forest ecosystems (RFE's). Planted tree species and those identified in the reference forest ecosystem will be used to define "Character Tree Species" as termed in the success criteria (Tables 3 and 4).

Table 3. Reference Forest Plot Summary

Species	Number of Individuals*	Relative Density (Percent)	Relative Basal Area (Percent)	Importance Value
<i>Acer rubrum</i> (red maple)	10	31.3	35.4	0.21
<i>Fraxinus pennsylvanica</i> (green ash)	10	31.3	28.0	0.20
<i>Platanus occidentalis</i> (American sycamore)	2	6.3	11.0	0.07
<i>Quercus lyrata</i> (overcup oak)	2	6.3	7.3	0.06
<i>Quercus rubra</i> (northern red oak)	1	3.1	6.9	0.04
<i>Salix nigra</i> (black willow)	1	3.1	6.0	0.04
<i>Acer negundo</i> (box elder)	2	6.3	0.5	0.03
<i>Carya ovata</i> (pignut hickory)	1	3.1	2.4	0.03
<i>Celtis laevigata</i> (hackberry)	1	3.1	1.5	0.03
<i>Fagus grandifolia</i> (American beech)	1	3.1	0.7	0.02
<i>Ulmus americana</i> (American elm)	1	3.1	0.3	0.02
Total	32	100	100	1

* Summary of four 0.1-acre plots.

An average density of 320 stems per acre over all sampling transects of Character Tree Species must be surviving at the end of three monitoring years. Subsequently, 290 character tree stems per acre must be surviving in year 4, and 260 character tree stems per acre must be surviving in year 5. Planted species must represent a minimum of 30 percent of the required stem per acre total (96 stems per acre). A total of 24,950 bare root seedlings of 17 species were planted on the Site at a density of 680 trees per acre (Table 4). Each naturally recruited character species may represent up to 10 percent of the required stem per acre total. In essence, seven naturally recruited character species may represent a maximum of 70 percent of the required stem/acre total. Additional stems of naturally recruited species above the 70 percent threshold are discarded from the statistical analysis. The remaining 30 percent are not necessarily removed from the Site, but will be left as a reserve and future seed source for species maintenance during mid-succession phases of forest development.

Table 4. Planted Species and Densities

Species	Number Planted
<i>Ulmus americana</i> (American elm)	2300
<i>Nyssa sylvatica</i> (black gum)	150
<i>Salix nigra</i> (black willow)	1000
<i>Quercus pagoda</i> (cherrybark oak)	3500
<i>Fraxinus pennsylvanica</i> (green ash)	1500
<i>Pinus taeda</i> (loblolly pine)	1200
<i>Carya tomentosa</i> (mockernut hickory)	300
<i>Quercus rubra</i> (northern red oak)	300
<i>Quercus lyrata</i> (overcup oak)	3000
<i>Betula nigra</i> (river birch)	100
<i>Quercus falcata</i> (southern red oak)	400
<i>Celtis laevigata</i> (sugarberry)	1200
<i>Quercus michauxii</i> (swamp chestnut oak)	4800
<i>Platanus occidentalis</i> (American sycamore)	200
<i>Quercus alba</i> (white oak)	400
<i>Quercus phellos</i> (willow oak)	2500
<i>Liriodendron tulipifera</i> (yellow poplar)	2100
Total	24,950

2.2.3 Vegetation Sampling Results and Comparison to Success Criteria

Quantitative sampling of vegetation was conducted in August 2006. Results are provided in Table 5. Vegetation success criteria for year 2 (320 tree stems per acre) were exceeded for the 2006 annual monitoring year with 962 stems per acre across the Site. In addition, each individual vegetation plot met success criteria with the exception of plot numbers 3 and 6. Plot number 3 occurs in one of the wettest locations of the Site that is inundated for much of the growing season as evidenced by groundwater gauge data (Appendix A). This plot is primarily characterized by herbaceous freshwater emergent vegetation including swamp rosemallow (*Hibiscus moscheutos*), arrowhead (*Sagittaria* sp.), toothcup (*Rotala ramosior*), Pennsylvania smartweed (*Polygonum pensylvanicum*), and various other smartweeds (*Polygonum* spp.). Community boundaries may need to be adjusted or redefined during the 5-year monitoring period due to the intermixing of herbaceous freshwater emergent communities with the bottomland and swamp forest communities.

TABLE 5
2006 VEGETATION MONITORING DATA AND RESULTS

Note: Each plot totals 0.11 acre in size.

Species**								Total Tree Stems/Acre Counting Towards Success Criteria*		
	Plot 1	Plot 2	Plot 3	Plot 4	Plot 5	Plot 6	Plot 7	Plot 8	Totals	Total/Acre
<i>Acer rubrum</i> (red maple)	314	582		90	65	29	13	73	1166	1325
<i>Acer negundo</i> (box elder)	21					10	14	45	51	32
<i>Alnus serrulata</i> (tag alder)					9		9		10	10
<i>Cornus amomum</i> (silky dogwood)		2			6	8		16	18	18
<i>Diospyros virginiana</i> (persimmon)			2		2		4		5	5
<i>Fraxinus pennsylvanica</i> (green ash)	67	103	79	51	3	94	31	428	486	486
<i>Liquidambar styraciflua</i> (sweetgum)	67	12	5		72	19	175		199	32
<i>Liriodendron tulipifera</i> (tulip poplar)		15	1		1		1	17	19	19
<i>Platanus occidentalis</i> (American sycamore)	25	3	1		6	39	74		84	84
<i>Quercus lyrata</i> (overcup oak)	4	17	8	8	5	5	1	48		55
<i>Quercus michauxii</i> (swamp chestnut oak)	13	7		5	9	2	2	3	41	47
<i>Quercus pagoda</i> (cherrybark oak)	4		3	2		1	1	11	13	13
<i>Quercus phellos</i> (willow oak)	2	8	1	4	2	1		18	20	20
<i>Salix nigra</i> (black willow)				6				6	7	7
<i>Sambucus canadensis</i> (elderberry)	1		2					3	3	3
<i>Ulmus</i> sp. (elm)	36	117	3	20	32	18		226	257	32
<i>Ulmus alata</i> (winged elm)	19	3	1	1				24	27	27
<i>Ulmus rubra</i> (slippery elm)	7	28	22	46	11		2	116	132	32
<i>Ulmus americana</i> (American elm)	3						4	7	8	8
TOTAL	578	885	11	254	224	70	215	197	2434	2766
TOTAL COUNTING TOWARDS SUCCESS CRITERIA	135	160	8	131	87	23	119	93		
TOTAL/ACRE COUNTING TOWARDS SUCCESS CRITERIA	1227	1455	73	1191	791	209	1082	845		
										962

* Success criteria requires that each naturally recruited species make up no more than 10 percent of the 320 stem/acre total. Using this criteria, no naturally recruited species can provide more than 32 stems/acre towards success criteria (or 3.53 stems/0.11 acre plot).

** Planted species are in bold font.

3.0 CONCLUSIONS

In summary, the Site achieved defined (or targeted) success criteria for hydrology at all eight restoration area groundwater gauges in the Second Monitoring Year (Year 2006), with greater than 28 consecutive days (12.5 percent) of saturation during the growing season.

As a whole, vegetation plots across the Site were well-above the required 320 stems/acre with an average of 962 stems per acre in the Second Monitoring Year (Year 2006).

Community boundaries may need to be redefined or combined during the 5-year monitoring period due to the intermixing of bottomland hardwoods forest with swamp forest across the Site. In addition, an herbaceous freshwater emergent community may need to be separated from the bottomland and swamp forest communities.

Documented animal species that utilize the developing wetland ecosystem are listed in Appendix C.

4.0 REFERENCES

Environmental Laboratory. 1987. Corps of Engineers Wetland Delineation Manual. Technical Report Y-87-1. United States Army Corps of Engineers Waterways Experiment Station, Vicksburg, MS.

North Carolina Wetlands Restoration Program (NCWRP). 1993. Installing Monitoring Wells/Piezometers in Wetlands (WRP Technical Note HY-IA-3.1). North Carolina Department of Environment, Health, and Natural Resources, Raleigh, North Carolina.

Schafale, M. P and A.S. Weakley. 1990. Classification of the Natural Communities of North Carolina: Third Approximation, NC Natural Heritage Program, Division of Parks and Recreation, North Carolina Department of Environment, Health, and Natural Resources, Raleigh, North Carolina.

United States. Department of Agriculture (USDA). 1977. Soil Survey of Guilford County, North Carolina. United States Department of Agriculture.

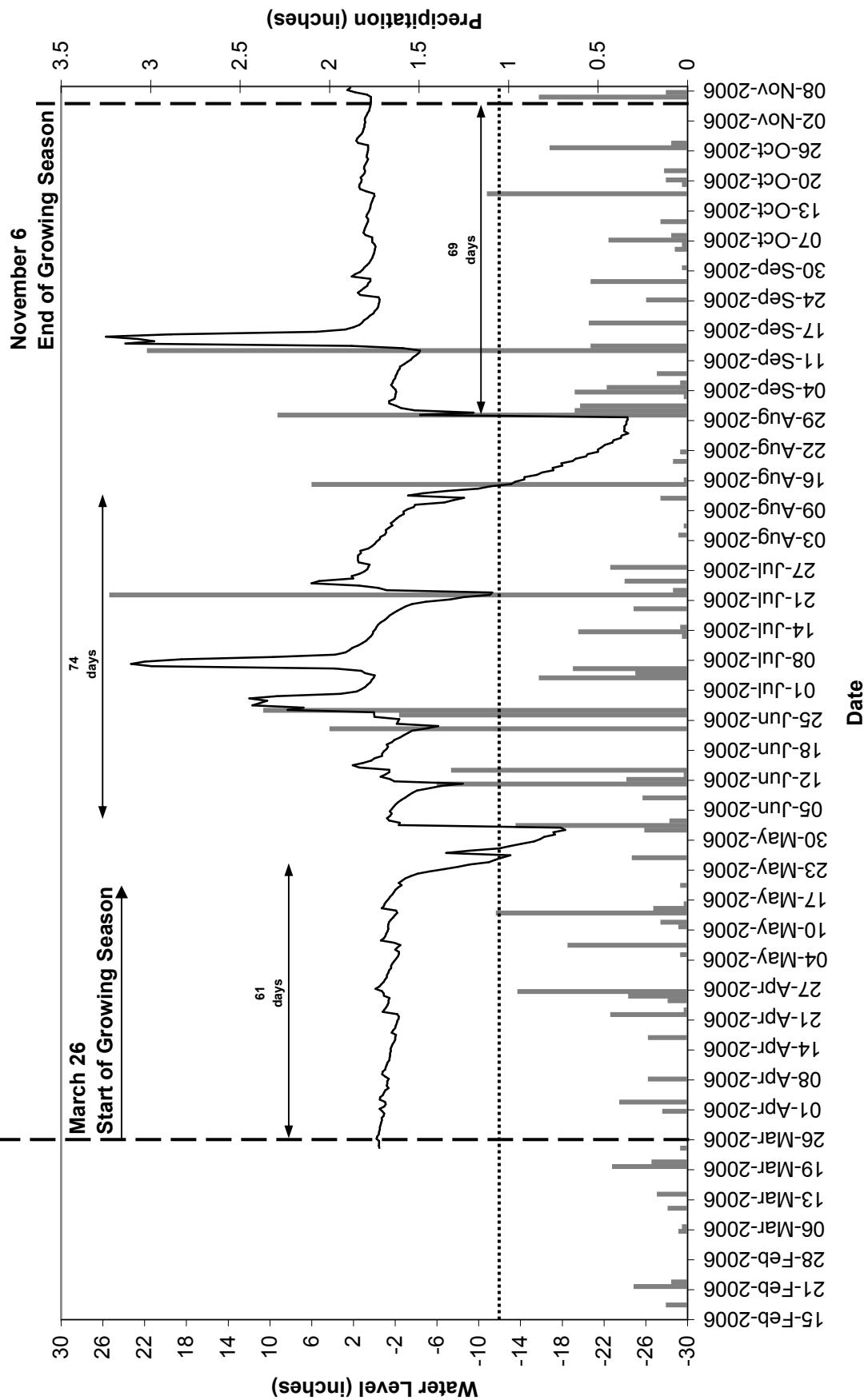
United States Department of the Army (USDOA). 1993 (unpublished). Compensatory Hardwood Mitigation Guidelines. United States Army Corps of Engineers, Wilmington District.

United States Environmental Protection Agency (USEPA). 1990. Mitigation Site Classification (MiST). A Methodology to Classify Pre-Project Mitigation Sites and Develop Performance Standards for Construction and Restoration of Forested Wetlands. USEPA Workshop, August 13-15, 1989. USEPA Region IV and Hardwood Research Cooperative, North Carolina State University, Raleigh, NC.

APPENDIX A

GAUGE DATA

Haw River Gauge 1 Year 2 (2006) Data



Gauge: 1

Data Acquired: November 9, 2006

Serial Number: N43D73F7

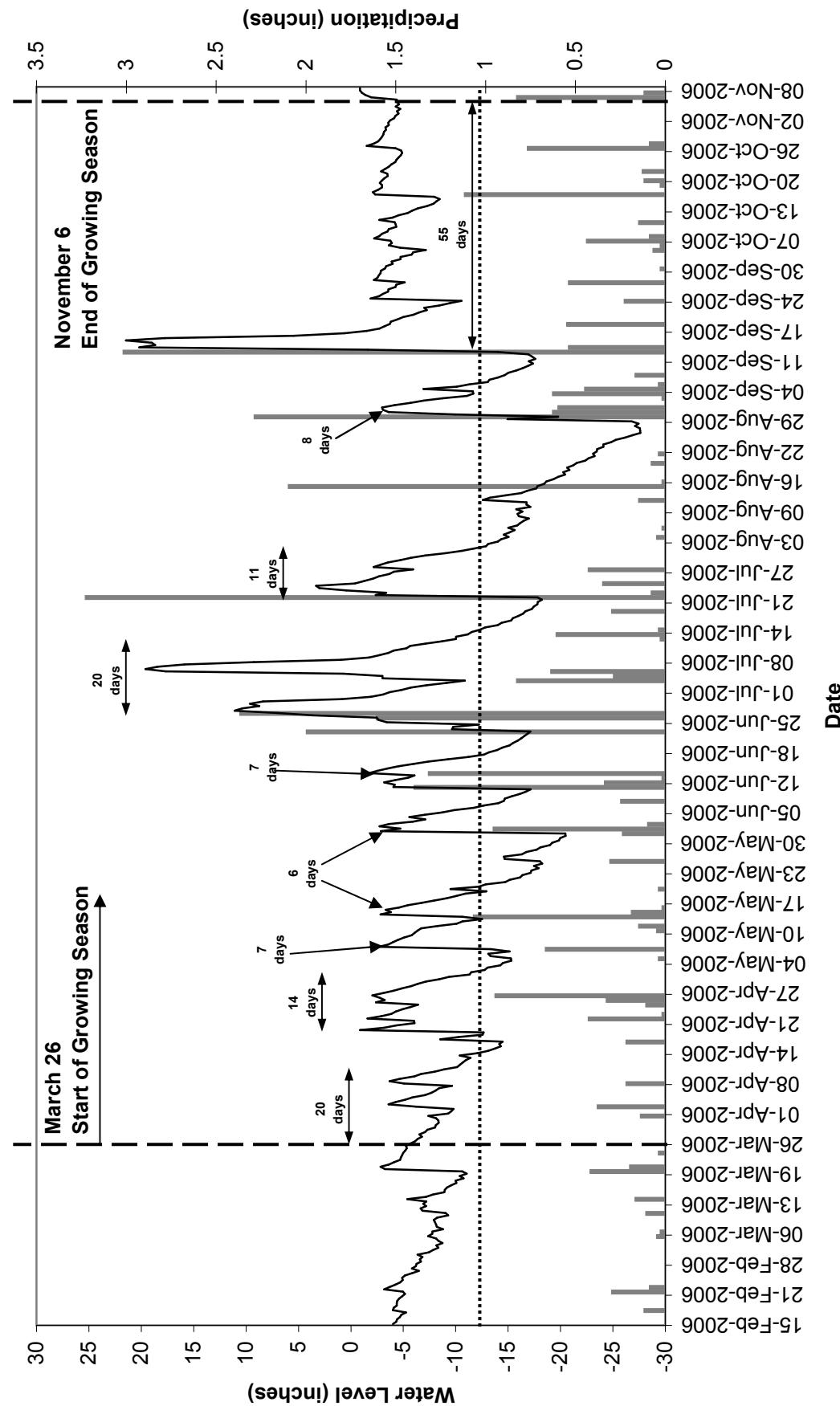
CD: Consecutive Days Saturation (within 12 inches of the soil surface) During the Growing Season

JD: Days During the Growing Season

Date	Time	Water Level (inches)	CD	JD	(continued)				(continued)					
					Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD
01-Jan-2006	00:00:00	5.41			25-Mar-2006	12:00:00	-0.45			30-Apr-2006	12:00:00	-1.21	36	36
01-Jan-2006	12:00:00	5.3			26-Mar-2006	00:00:00	-0.22	1	1	01-May-2006	00:00:00	-1.33	37	37
02-Jan-2006	00:00:00	5.15			26-Mar-2006	12:00:00	-0.28	1	1	01-May-2006	12:00:00	-1.4	37	37
02-Jan-2006	12:00:00	5.63			27-Mar-2006	00:00:00	-0.42	2	2	02-May-2006	00:00:00	-1.61	38	38
03-Jan-2006	00:00:00	8.07			27-Mar-2006	12:00:00	-0.46	2	2	02-May-2006	12:00:00	-1.61	38	38
03-Jan-2006	12:00:00	7.88			28-Mar-2006	00:00:00	-0.52	3	3	03-May-2006	00:00:00	-1.74	39	39
04-Jan-2006	00:00:00	7.44			28-Mar-2006	12:00:00	-0.52	3	3	03-May-2006	12:00:00	-1.89	39	39
04-Jan-2006	12:00:00	7			29-Mar-2006	00:00:00	-0.59	4	4	04-May-2006	00:00:00	-2.06	40	40
05-Jan-2006	00:00:00	7.11			29-Mar-2006	12:00:00	-0.65	4	4	04-May-2006	12:00:00	-2.24	40	40
05-Jan-2006	12:00:00	6.63			30-Mar-2006	00:00:00	-0.73	5	5	05-May-2006	00:00:00	-2.33	41	41
06-Jan-2006	00:00:00	7.07			30-Mar-2006	12:00:00	-0.71	5	5	05-May-2006	12:00:00	-2.36	41	41
06-Jan-2006	12:00:00	6.32			31-Mar-2006	00:00:00	-0.9	6	6	06-May-2006	00:00:00	-2.01	42	42
07-Jan-2006	00:00:00	7.2			31-Mar-2006	12:00:00	-0.95	6	6	06-May-2006	12:00:00	-2.22	42	42
07-Jan-2006	12:00:00	5.88			01-Apr-2006	00:00:00	-0.75	7	7	07-May-2006	00:00:00	-2.48	43	43
08-Jan-2006	00:00:00	6.6			01-Apr-2006	12:00:00	-0.5	7	7	07-May-2006	12:00:00	-1.93	43	43
08-Jan-2006	12:00:00	5.97			02-Apr-2006	00:00:00	-0.94	8	8	08-May-2006	00:00:00	-0.62	44	44
09-Jan-2006	00:00:00	6.09			02-Apr-2006	12:00:00	-1.09	8	8	08-May-2006	12:00:00	-0.91	44	44
09-Jan-2006	12:00:00	5.64			03-Apr-2006	00:00:00	-1.01	9	9	09-May-2006	00:00:00	-1.07	45	45
10-Jan-2006	00:00:00	6.47			03-Apr-2006	12:00:00	-0.52	9	9	09-May-2006	12:00:00	-1.14	45	45
10-Jan-2006	12:00:00	5.54			04-Apr-2006	00:00:00	-0.56	10	10	10-May-2006	00:00:00	-1.26	46	46
11-Jan-2006	00:00:00	6.34			04-Apr-2006	12:00:00	-0.82	10	10	10-May-2006	12:00:00	-1.34	46	46
11-Jan-2006	12:00:00	6.21			05-Apr-2006	00:00:00	-0.92	11	11	11-May-2006	00:00:00	-1.32	47	47
12-Jan-2006	00:00:00	6.51			05-Apr-2006	12:00:00	-1.05	11	11	11-May-2006	12:00:00	-1.33	47	47
12-Jan-2006	12:00:00	6.46			06-Apr-2006	00:00:00	-1.37	12	12	12-May-2006	00:00:00	-1.42	48	48
13-Jan-2006	00:00:00	7.2			06-Apr-2006	12:00:00	-1.2	12	12	12-May-2006	12:00:00	-1.58	48	48
13-Jan-2006	12:00:00	6.33			07-Apr-2006	00:00:00	-1.25	13	13	13-May-2006	00:00:00	-1.79	49	49
14-Jan-2006	00:00:00	7.52			07-Apr-2006	12:00:00	-1.25	13	13	13-May-2006	12:00:00	-1.98	49	49
14-Jan-2006	12:00:00	7.14			08-Apr-2006	00:00:00	-1.38	14	14	14-May-2006	00:00:00	-2.19	50	50
15-Jan-2006	00:00:00	7.32			08-Apr-2006	12:00:00	-1.05	14	14	14-May-2006	12:00:00	-2.06	50	50
15-Jan-2006	12:00:00	6.44			09-Apr-2006	00:00:00	-0.74	15	15	15-May-2006	00:00:00	-0.69	51	51
16-Jan-2006	00:00:00	6.68			09-Apr-2006	12:00:00	-0.8	15	15	15-May-2006	12:00:00	-0.93	51	51
16-Jan-2006	12:00:00	6.2			10-Apr-2006	00:00:00	-1.03	16	16	16-May-2006	00:00:00	-1	52	52
17-Jan-2006	00:00:00	5.53			10-Apr-2006	12:00:00	-1.09	16	16	16-May-2006	12:00:00	-1.17	52	52
17-Jan-2006	12:00:00	5.15			11-Apr-2006	00:00:00	-1.18	17	17	17-May-2006	00:00:00	-1.35	53	53
18-Jan-2006	00:00:00	6.2			11-Apr-2006	12:00:00	-1.26	17	17	17-May-2006	12:00:00	-1.51	53	53
18-Jan-2006	12:00:00	5.88			12-Apr-2006	00:00:00	-1.43	18	18	18-May-2006	00:00:00	-1.72	54	54
19-Jan-2006	00:00:00	6.72			12-Apr-2006	12:00:00	-1.45	18	18	18-May-2006	12:00:00	-1.88	54	54
19-Jan-2006	12:00:00	5.62			13-Apr-2006	00:00:00	-1.51	19	19	19-May-2006	00:00:00	-2.02	55	55
20-Jan-2006	00:00:00	6.38			13-Apr-2006	12:00:00	-1.52	19	19	19-May-2006	12:00:00	-2.27	55	55
20-Jan-2006	12:00:00	5.4			14-Apr-2006	00:00:00	-1.59	20	20	20-May-2006	00:00:00	-2.6	56	56
21-Jan-2006	00:00:00	5.6			14-Apr-2006	12:00:00	-1.56	20	20	20-May-2006	12:00:00	-2.35	56	56
21-Jan-2006	12:00:00	5.58			15-Apr-2006	00:00:00	-1.66	21	21	21-May-2006	00:00:00	-2.67	57	57
22-Jan-2006	00:00:00	6.4			15-Apr-2006	12:00:00	-1.75	21	21	21-May-2006	12:00:00	-2.97	57	57
22-Jan-2006	12:00:00	5.56			16-Apr-2006	00:00:00	-1.91	22	22	22-May-2006	00:00:00	-3.52	58	58
23-Jan-2006	00:00:00	5.31			16-Apr-2006	12:00:00	-1.99	22	22	22-May-2006	12:00:00	-4.14	58	58
23-Jan-2006	12:00:00	5.23			17-Apr-2006	00:00:00	-2	23	23	23-May-2006	00:00:00	-5.32	59	59
24-Jan-2006	00:00:00	5.37			17-Apr-2006	12:00:00	-2.08	23	23	23-May-2006	12:00:00	-6.71	59	59
24-Jan-2006	12:00:00	5.01			18-Apr-2006	00:00:00	-1.66	24	24	24-May-2006	00:00:00	-8.03	60	60
25-Jan-2006	00:00:00	5.9			18-Apr-2006	12:00:00	-1.79	24	24	24-May-2006	12:00:00	-9.13	60	60
25-Jan-2006	12:00:00	4.9			19-Apr-2006	00:00:00	-2.01	25	25	25-May-2006	00:00:00	-10.97	61	61
26-Jan-2006	00:00:00	5.59			19-Apr-2006	12:00:00	-2.05	25	25	25-May-2006	12:00:00	-11.55	61	61
26-Jan-2006	12:00:00	4.28			20-Apr-2006	00:00:00	-2.15	26	26	26-May-2006	00:00:00	-12.24	62	62
27-Jan-2006	00:00:00	5.97			20-Apr-2006	12:00:00	-2.2	26	26	26-May-2006	12:00:00	-13.03	62	62
27-Jan-2006	12:00:00	4.01			21-Apr-2006	00:00:00	-2.32	27	27	27-May-2006	00:00:00	-6.87	1	63
28-Jan-2006	00:00:00	4.49			21-Apr-2006	12:00:00	-2.33	27	27	27-May-2006	12:00:00	-9.11	1	63
28-Jan-2006	12:00:00	3.85			22-Apr-2006	00:00:00	-2.19	28	28	28-May-2006	00:00:00	-11.97	2	64
29-Jan-2006	00:00:00	3.92			22-Apr-2006	12:00:00	-0.8	28	28	28-May-2006	12:00:00	-12.98	64	64
29-Jan-2006	12:00:00	4.52			23-Apr-2006	00:00:00	-0.96	29	29	29-May-2006	00:00:00	-14.12	65	65
30-Jan-2006	00:00:00	4.56			23-Apr-2006	12:00:00	-1.13	29	29	29-May-2006	12:00:00	-15.29	65	65
30-Jan-2006	12:00:00	3.98			24-Apr-2006	00:00:00	-1.26	30	30	30-May-2006	00:00:00	-15.88	66	66
31-Jan-2006	00:00:00	4.22			24-Apr-2006	12:00:00	-1.37	30	30	30-May-2006	12:00:00	-16.26	66	66
31-Jan-2006	12:00:00	4.7			25-Apr-2006	00:00:00	-1.37	31	31	31-May-2006	00:00:00	-17.31	67	67
01-Feb-2006	00:00:00	4.82			25-Apr-2006	12:00:00	-1.46	31	31	31-May-2006	12:00:00	-17.15	67	67
01-Feb-2006	12:00:00	3.7			26-Apr-2006	00:00:00	-0.92	32	32	01-Jun-2006	00:00:00	-18.27	68	68
02-Feb-2006	00:00:00	4.6			26-Apr-2006	12:00:00	-0.89	32	32	01-Jun-2006	12:00:00	-17.87	68	68
02-Feb-2006	12:00:00	3.58			27-Apr-2006	00:00:00	-0.72	33	33	02-Jun-2006	00:00:00	-2.35	1	69
03-Feb-2006	00:00:00	4.4			27-Apr-2006	12:00:00	-0.12	33	33	02-Jun-2006	12:00:00	-2.45	1	69
03-Feb-2006	12:00:00	4.68			28-Apr-2006	00:00:00	-0.47	34	34	03-Jun-2006	00:00:00	-1.41	2	70
gauge malfunctioned from February 4 to March 23, 2006					28-Apr-2006	12:00:00	-0.68	34	34	03-Jun-2006	12:00:00	-1.22	2	70
24-Mar-2006	00:00:00	-0.47			29-Apr-2006	00:00:00	-0.89	35	35	04-Jun-2006	00:00:00	-1.5	3	71
24-Mar-2006	12:00:00	-0.44			29-Apr-2006	12:00:00	-1.02	35	35	04-Jun-2006	12:00:00	-1.65	3	71
25-Mar-2006	00:00:00	-0.46			30-Apr-2006	00:00:00	-1.18	36	36	05-Jun-2006	00:00:00	-1.49	4	72

Page 2 Gauge 1				(continued)				(continued)				(continued)			
Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD	
05-Jun-2006	12:00:00	-1.68	4	72	15-Jul-2006	00:00:00	-0.22	44	112	23-Aug-2006	12:00:00	-22.09		151	
06-Jun-2006	00:00:00	-1.84	5	73	15-Jul-2006	12:00:00	-0.36	44	112	24-Aug-2006	00:00:00	-22.78		152	
06-Jun-2006	12:00:00	-2.04	5	73	16-Jul-2006	00:00:00	-0.61	45	113	24-Aug-2006	12:00:00	-22.92		152	
07-Jun-2006	00:00:00	-2.29	6	74	16-Jul-2006	12:00:00	-0.96	45	113	25-Aug-2006	00:00:00	-23.6		153	
07-Jun-2006	12:00:00	-2.61	6	74	17-Jul-2006	00:00:00	-1.23	46	114	25-Aug-2006	12:00:00	-23.68		153	
08-Jun-2006	00:00:00	-2.97	7	75	17-Jul-2006	12:00:00	-1.47	46	114	26-Aug-2006	00:00:00	-24.31		154	
08-Jun-2006	12:00:00	-3.29	7	75	18-Jul-2006	00:00:00	-1.81	47	115	26-Aug-2006	12:00:00	-23.92		154	
09-Jun-2006	00:00:00	-3.63	8	76	18-Jul-2006	12:00:00	-2.17	47	115	27-Aug-2006	00:00:00	-23.96		155	
09-Jun-2006	12:00:00	-4.08	8	76	19-Jul-2006	00:00:00	-2.58	48	116	27-Aug-2006	12:00:00	-23.94		155	
10-Jun-2006	00:00:00	-5.26	9	77	19-Jul-2006	12:00:00	-3	48	116	28-Aug-2006	00:00:00	-24.15		156	
10-Jun-2006	12:00:00	-6.39	9	77	20-Jul-2006	00:00:00	-3.62	49	117	28-Aug-2006	12:00:00	-24.15		156	
11-Jun-2006	00:00:00	-8.47	10	78	20-Jul-2006	12:00:00	-4.95	49	117	29-Aug-2006	00:00:00	-24.26		157	
11-Jun-2006	12:00:00	-1.92	10	78	21-Jul-2006	00:00:00	-7.26	50	118	29-Aug-2006	12:00:00	-24.23		157	
12-Jun-2006	00:00:00	-1.49	11	79	21-Jul-2006	12:00:00	-8.55	50	118	30-Aug-2006	00:00:00	-4.37	1	158	
12-Jun-2006	12:00:00	-0.6	11	79	22-Jul-2006	00:00:00	-11.08	51	119	30-Aug-2006	12:00:00	-9.51	1	158	
13-Jun-2006	00:00:00	-1.06	12	80	22-Jul-2006	12:00:00	-11.29	51	119	31-Aug-2006	00:00:00	-3.85	2	159	
13-Jun-2006	12:00:00	-1.43	12	80	23-Jul-2006	00:00:00	-1.2	52	120	31-Aug-2006	12:00:00	-2.56	2	159	
14-Jun-2006	00:00:00	-1.44	13	81	23-Jul-2006	12:00:00	-0.37	52	120	01-Sep-2006	00:00:00	-2.08	3	160	
14-Jun-2006	12:00:00	1.43	13	81	24-Jul-2006	00:00:00	1.45	53	121	01-Sep-2006	12:00:00	-1.44	3	160	
15-Jun-2006	00:00:00	2.08	14	82	24-Jul-2006	12:00:00	6.02	53	121	02-Sep-2006	00:00:00	-1.42	4	161	
15-Jun-2006	12:00:00	1.07	14	82	25-Jul-2006	00:00:00	5.29	54	122	02-Sep-2006	12:00:00	-1.93	4	161	
16-Jun-2006	00:00:00	0.31	15	83	25-Jul-2006	12:00:00	2.02	54	122	03-Sep-2006	00:00:00	-1.99	5	162	
16-Jun-2006	12:00:00	-0.01	15	83	26-Jul-2006	00:00:00	2.18	55	123	03-Sep-2006	12:00:00	-2.03	5	162	
17-Jun-2006	00:00:00	-0.72	16	84	26-Jul-2006	12:00:00	1.44	55	123	04-Sep-2006	00:00:00	-2.09	6	163	
17-Jun-2006	12:00:00	-0.76	16	84	27-Jul-2006	00:00:00	0.96	56	124	04-Sep-2006	12:00:00	-2.02	6	163	
18-Jun-2006	00:00:00	-0.89	17	85	27-Jul-2006	12:00:00	0.68	56	124	05-Sep-2006	00:00:00	-1.8	7	164	
18-Jun-2006	12:00:00	-1.17	17	85	28-Jul-2006	00:00:00	0.57	57	125	05-Sep-2006	12:00:00	-1.61	7	164	
19-Jun-2006	00:00:00	-1.3	18	86	28-Jul-2006	12:00:00	0.46	57	125	06-Sep-2006	00:00:00	-1.76	8	165	
19-Jun-2006	12:00:00	-1.2	18	86	29-Jul-2006	00:00:00	1.52	58	126	06-Sep-2006	12:00:00	-1.82	8	165	
20-Jun-2006	00:00:00	-1.68	19	87	29-Jul-2006	12:00:00	1.58	58	126	07-Sep-2006	00:00:00	-1.99	9	166	
20-Jun-2006	12:00:00	-1.92	19	87	30-Jul-2006	00:00:00	1.58	59	127	07-Sep-2006	12:00:00	-2.04	9	166	
21-Jun-2006	00:00:00	-2.45	20	88	30-Jul-2006	12:00:00	1.55	59	127	08-Sep-2006	00:00:00	-2.18	10	167	
21-Jun-2006	12:00:00	-2.8	20	88	31-Jul-2006	00:00:00	1.28	60	128	08-Sep-2006	12:00:00	-2.25	10	167	
22-Jun-2006	00:00:00	-3.22	21	89	31-Jul-2006	12:00:00	1.34	60	128	09-Sep-2006	00:00:00	-2.41	11	168	
22-Jun-2006	12:00:00	-3.61	21	89	01-Aug-2006	00:00:00	0.58	61	129	09-Sep-2006	12:00:00	-2.46	11	168	
23-Jun-2006	00:00:00	-5.01	22	90	01-Aug-2006	12:00:00	0.24	61	129	10-Sep-2006	00:00:00	-2.84	12	169	
23-Jun-2006	12:00:00	-6.11	22	90	02-Aug-2006	00:00:00	-0.04	62	130	10-Sep-2006	12:00:00	-3.16	12	169	
24-Jun-2006	00:00:00	-2.14	23	91	02-Aug-2006	12:00:00	-0.2	62	130	11-Sep-2006	00:00:00	-3.49	13	170	
24-Jun-2006	12:00:00	-2.28	23	91	03-Aug-2006	00:00:00	-0.51	63	131	11-Sep-2006	12:00:00	-3.7	13	170	
25-Jun-2006	00:00:00	-2.4	24	92	03-Aug-2006	12:00:00	-0.58	63	131	12-Sep-2006	00:00:00	-4.01	14	171	
25-Jun-2006	12:00:00	-0.02	24	92	04-Aug-2006	00:00:00	-1	64	132	12-Sep-2006	12:00:00	-4.27	14	171	
26-Jun-2006	00:00:00	0.01	25	93	04-Aug-2006	12:00:00	-1.14	64	132	13-Sep-2006	00:00:00	-4.38	15	172	
26-Jun-2006	12:00:00	0.04	25	93	05-Aug-2006	00:00:00	-1.09	65	133	13-Sep-2006	12:00:00	-2.73	15	172	
27-Jun-2006	00:00:00	8.33	26	94	05-Aug-2006	12:00:00	-1.39	65	133	14-Sep-2006	00:00:00	2.18	16	173	
27-Jun-2006	12:00:00	6.79	26	94	06-Aug-2006	00:00:00	-1.72	66	134	14-Sep-2006	12:00:00	23.84	16	173	
28-Jun-2006	00:00:00	11.68	27	95	06-Aug-2006	12:00:00	-1.58	66	134	15-Sep-2006	00:00:00	21.08	17	174	
28-Jun-2006	12:00:00	10.94	27	95	07-Aug-2006	00:00:00	-1.88	67	135	15-Sep-2006	12:00:00	22.61	17	174	
29-Jun-2006	00:00:00	10.25	28	96	07-Aug-2006	12:00:00	-2.13	67	135	16-Sep-2006	00:00:00	25.72	18	175	
29-Jun-2006	12:00:00	11.99	28	96	08-Aug-2006	00:00:00	-2.42	68	136	16-Sep-2006	12:00:00	19.54	18	175	
30-Jun-2006	00:00:00	9.3	29	97	08-Aug-2006	12:00:00	-2.82	68	136	17-Sep-2006	00:00:00	5.58	19	176	
30-Jun-2006	12:00:00	3.24	29	97	09-Aug-2006	00:00:00	-2.79	69	137	17-Sep-2006	12:00:00	2.79	19	176	
01-Jul-2006	00:00:00	1.71	30	98	09-Aug-2006	12:00:00	-3.15	69	137	18-Sep-2006	00:00:00	2	20	177	
01-Jul-2006	12:00:00	1.23	30	98	10-Aug-2006	00:00:00	-3.76	70	138	18-Sep-2006	12:00:00	1.44	20	177	
02-Jul-2006	00:00:00	0.88	31	99	10-Aug-2006	12:00:00	-3.92	70	138	19-Sep-2006	00:00:00	1.17	21	178	
02-Jul-2006	12:00:00	0.64	31	99	11-Aug-2006	00:00:00	-6.71	71	139	19-Sep-2006	12:00:00	0.99	21	178	
03-Jul-2006	00:00:00	0.38	32	100	11-Aug-2006	12:00:00	-7.57	71	139	20-Sep-2006	00:00:00	0.66	22	179	
03-Jul-2006	12:00:00	0.26	32	100	12-Aug-2006	00:00:00	-8.6	72	140	20-Sep-2006	12:00:00	0.42	22	179	
04-Jul-2006	00:00:00	0.06	33	101	12-Aug-2006	12:00:00	-3.22	72	140	21-Sep-2006	00:00:00	0.08	23	180	
04-Jul-2006	12:00:00	-0.03	33	101	13-Aug-2006	00:00:00	-4.67	73	141	21-Sep-2006	12:00:00	-0.04	23	180	
05-Jul-2006	00:00:00	0.9	34	102	13-Aug-2006	12:00:00	-6.95	73	141	22-Sep-2006	00:00:00	-0.25	24	181	
05-Jul-2006	12:00:00	1.25	34	102	14-Aug-2006	00:00:00	-9.97	74	142	22-Sep-2006	12:00:00	-0.39	24	181	
06-Jul-2006	00:00:00	3.8	35	103	14-Aug-2006	12:00:00	-11.1	74	142	23-Sep-2006	00:00:00	-0.4	25	182	
06-Jul-2006	12:00:00	21.32	35	103	15-Aug-2006	00:00:00	-13.11	143		23-Sep-2006	12:00:00	-0.47	25	182	
07-Jul-2006	00:00:00	23.31	36	104	15-Aug-2006	12:00:00	-13.5	143		24-Sep-2006	00:00:00	-0.51	26	183	
07-Jul-2006	12:00:00	22	36	104	16-Aug-2006	00:00:00	-14.36	144		24-Sep-2006	12:00:00	-0.4	26	183	
08-Jul-2006	00:00:00	18.47	37	105	16-Aug-2006	12:00:00	-14.38	144		25-Sep-2006	00:00:00	1.36	27	184	
08-Jul-2006	12:00:00	9.72	37	105	17-Aug-2006	00:00:00	-15.59	145		25-Sep-2006	12:00:00	1.58	27	184	
09-Jul-2006	00:00:00	3.77	38	106	17-Aug-2006	12:00:00	-16.04	145		26-Sep-2006	00:00:00	1.26	28	185	
09-Jul-2006	12:00:00	2.77	38	106	18-Aug-2006	00:00:00	-17.14	146		26-Sep-2006	12:00:00	0.99	28	185	
10-Jul-2006	00:00:00	2.38	39	107	18-Aug-2006	12:00:00	-17.09	146		27-Sep-2006	00:00:00	0.68	29	186	
10-Jul-2006	12:00:00	2.1	39	107	19-Aug-2006	00:00:00	-18.02	147		27					

Haw River Gauge 2 Year 2 (2006) Data



Gauge: 2

Data Acquired: November 9, 2006

Serial Number: N3ECD220

CD: Consecutive Days Saturation (within 12 inches of the soil surface) During the Growing Season

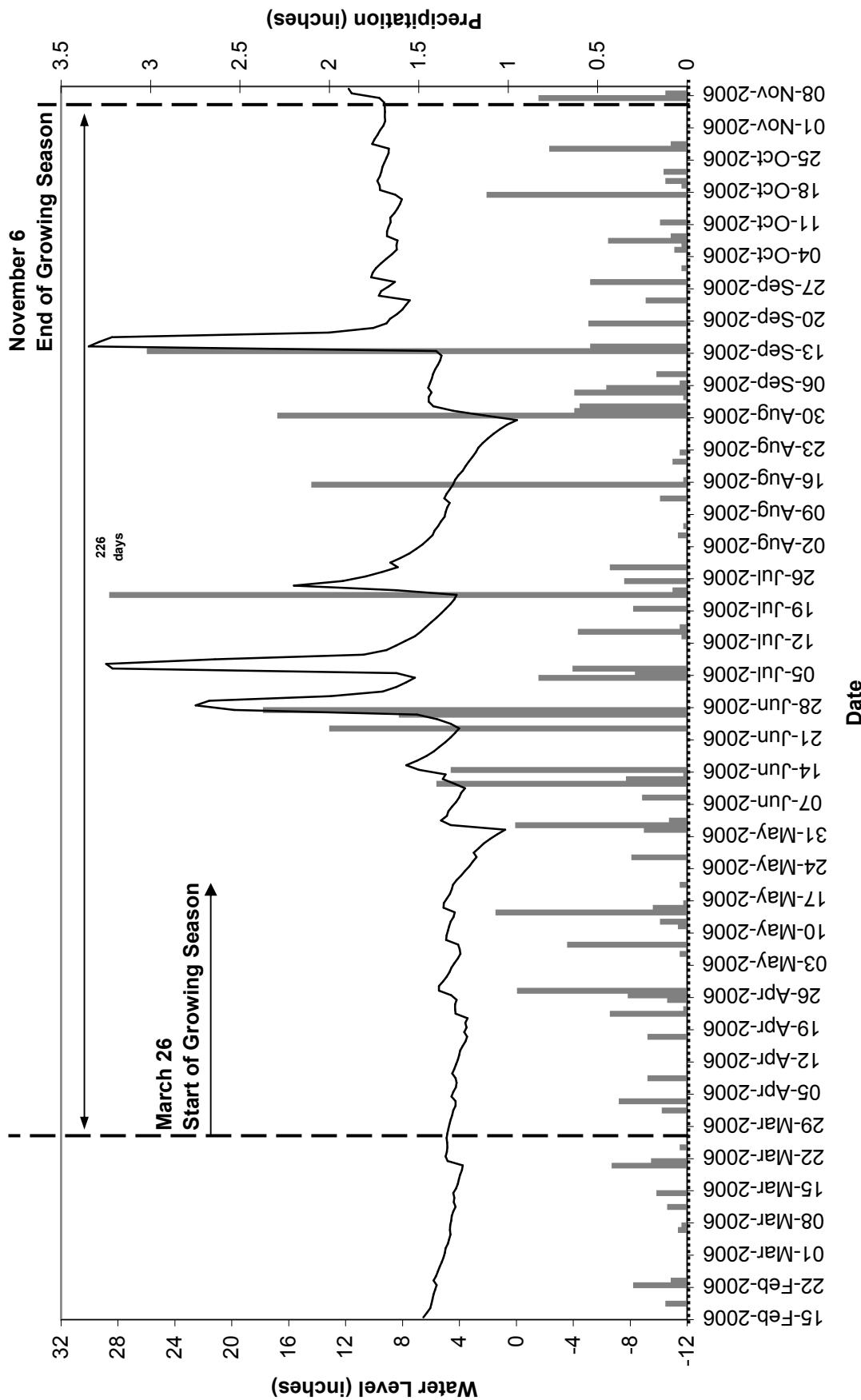
JD: Days During the Growing Season

Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD
01-Jan-2006	11:59:19	-4.03			06-Feb-2006	11:59:19	-3.97			14-Mar-2006	11:59:19	-5.39		
01-Jan-2006	23:59:19	-4.33			06-Feb-2006	23:59:19	-4.39			14-Mar-2006	23:59:19	-7.17		
02-Jan-2006	11:59:19	-3.37			07-Feb-2006	11:59:19	-4.47			15-Mar-2006	11:59:19	-7.84		
02-Jan-2006	23:59:19	-1.54			07-Feb-2006	23:59:19	-5.04			15-Mar-2006	23:59:19	-8.92		
03-Jan-2006	11:59:19	-0.21			08-Feb-2006	11:59:19	-4.71			16-Mar-2006	11:59:19	-8.96		
03-Jan-2006	23:59:19	-0.26			08-Feb-2006	23:59:19	-5			16-Mar-2006	23:59:19	-9.16		
04-Jan-2006	11:59:19	-1.59			09-Feb-2006	11:59:19	-4.93			17-Mar-2006	11:59:19	-9.58		
04-Jan-2006	23:59:19	-2.4			09-Feb-2006	23:59:19	-5.65			17-Mar-2006	23:59:19	-10.06		
05-Jan-2006	11:59:19	-2.47			10-Feb-2006	11:59:19	-4.99			18-Mar-2006	11:59:19	-9.98		
05-Jan-2006	23:59:19	-2.83			10-Feb-2006	23:59:19	-5.23			18-Mar-2006	23:59:19	-10.74		
06-Jan-2006	11:59:19	-3.05			11-Feb-2006	11:59:19	-2.48			19-Mar-2006	11:59:19	-10.39		
06-Jan-2006	23:59:19	-3.37			11-Feb-2006	23:59:19	-2.66			19-Mar-2006	23:59:19	-11.05		
07-Jan-2006	11:59:19	-3.25			12-Feb-2006	11:59:19	-2.83			20-Mar-2006	11:59:19	-10.63		
07-Jan-2006	23:59:19	-3.59			12-Feb-2006	23:59:19	-3.4			20-Mar-2006	23:59:19	-3.26		
08-Jan-2006	11:59:19	-3.34			13-Feb-2006	11:59:19	-3.32			21-Mar-2006	11:59:19	-2.82		
08-Jan-2006	23:59:19	-3.52			13-Feb-2006	23:59:19	-3.86			21-Mar-2006	23:59:19	-3.65		
09-Jan-2006	11:59:19	-3.69			14-Feb-2006	11:59:19	-3.63			22-Mar-2006	11:59:19	-4.13		
09-Jan-2006	23:59:19	-3.98			14-Feb-2006	23:59:19	-4.08			22-Mar-2006	23:59:19	-4.69		
10-Jan-2006	11:59:19	-3.9			15-Feb-2006	11:59:19	-4.02			23-Mar-2006	11:59:19	-4.77		
10-Jan-2006	23:59:19	-3.94			15-Feb-2006	23:59:19	-4.32			23-Mar-2006	23:59:19	-4.9		
11-Jan-2006	11:59:19	-3.65			16-Feb-2006	11:59:19	-4.4			24-Mar-2006	11:59:19	-5		
11-Jan-2006	23:59:19	-2.7			16-Feb-2006	23:59:19	-4.67			24-Mar-2006	23:59:19	-5.18		
12-Jan-2006	11:59:19	-2.78			17-Feb-2006	11:59:19	-4.82			25-Mar-2006	11:59:19	-5.34		
12-Jan-2006	23:59:19	-2.99			17-Feb-2006	23:59:19	-5.25			25-Mar-2006	23:59:19	-5.25		
13-Jan-2006	11:59:19	-2.81			18-Feb-2006	11:59:19	-4.01			26-Mar-2006	11:59:19	-5.64	1	1
13-Jan-2006	23:59:19	-1.93			18-Feb-2006	23:59:19	-4.08			26-Mar-2006	23:59:19	-6.11	1	1
14-Jan-2006	11:59:19	-2.56			19-Feb-2006	11:59:19	-4.37			27-Mar-2006	11:59:19	-6.37	2	2
14-Jan-2006	23:59:19	-2.93			19-Feb-2006	23:59:19	-4.37			27-Mar-2006	23:59:19	-6.77	2	2
15-Jan-2006	11:59:19	-3.06			20-Feb-2006	11:59:19	-4.42			28-Mar-2006	11:59:19	-6.53	3	3
15-Jan-2006	23:59:19	-3.22			20-Feb-2006	23:59:19	-4.59			28-Mar-2006	23:59:19	-7.08	3	3
16-Jan-2006	11:59:19	-2.99			21-Feb-2006	11:59:19	-4.88			29-Mar-2006	11:59:19	-7.29	4	4
16-Jan-2006	23:59:19	-3.49			21-Feb-2006	23:59:19	-5.17			29-Mar-2006	23:59:19	-8.03	4	4
17-Jan-2006	11:59:19	-3.17			22-Feb-2006	11:59:19	-4.96			30-Mar-2006	11:59:19	-8.11	5	5
17-Jan-2006	23:59:19	-2.65			22-Feb-2006	23:59:19	-3.17			30-Mar-2006	23:59:19	-8.37	5	5
18-Jan-2006	11:59:19	-2.67			23-Feb-2006	11:59:19	-3.7			31-Mar-2006	11:59:19	-8.34	6	6
18-Jan-2006	23:59:19	-2.97			23-Feb-2006	23:59:19	-4.24			31-Mar-2006	23:59:19	-8.12	6	6
19-Jan-2006	11:59:19	-2.95			24-Feb-2006	11:59:19	-4.69			01-Apr-2006	11:59:19	-7.4	7	7
19-Jan-2006	23:59:19	-3.15			24-Feb-2006	23:59:19	-4.95			01-Apr-2006	23:59:19	-9.29	7	7
20-Jan-2006	11:59:19	-3.14			25-Feb-2006	11:59:19	-4.88			02-Apr-2006	11:59:19	-9.57	8	8
20-Jan-2006	23:59:19	-3.31			25-Feb-2006	23:59:19	-5.16			02-Apr-2006	23:59:19	-9.8	8	8
21-Jan-2006	11:59:19	-2.11			26-Feb-2006	11:59:19	-5.85			03-Apr-2006	11:59:19	-6.22	9	9
21-Jan-2006	23:59:19	-2.83			26-Feb-2006	23:59:19	-6.48			03-Apr-2006	23:59:19	-3.6	9	9
22-Jan-2006	11:59:19	-2.92			27-Feb-2006	11:59:19	-5.82			04-Apr-2006	11:59:19	-4.28	10	10
22-Jan-2006	23:59:19	-2.83			27-Feb-2006	23:59:19	-6.2			04-Apr-2006	23:59:19	-5.18	10	10
23-Jan-2006	11:59:19	-2.7			28-Feb-2006	11:59:19	-6.26			05-Apr-2006	11:59:19	-5.88	11	11
23-Jan-2006	23:59:19	-2.99			28-Feb-2006	23:59:19	-6.69			05-Apr-2006	23:59:19	-7.08	11	11
24-Jan-2006	11:59:19	-2.86			01-Mar-2006	11:59:19	-6.59			06-Apr-2006	11:59:19	-7.69	12	12
24-Jan-2006	23:59:19	-3.25			01-Mar-2006	23:59:19	-6.83			06-Apr-2006	23:59:19	-8.11	12	12
25-Jan-2006	11:59:19	-3.51			02-Mar-2006	11:59:19	-6.37			07-Apr-2006	11:59:19	-8.43	13	13
25-Jan-2006	23:59:19	-3.9			02-Mar-2006	23:59:19	-7.43			07-Apr-2006	23:59:19	-9.64	13	13
26-Jan-2006	11:59:19	-3.94			03-Mar-2006	11:59:19	-7.83			08-Apr-2006	11:59:19	-5.07	14	14
26-Jan-2006	23:59:19	-4.49			03-Mar-2006	23:59:19	-8.34			08-Apr-2006	23:59:19	-3.7	14	14
27-Jan-2006	11:59:19	-4.03			04-Mar-2006	11:59:19	-8.16			09-Apr-2006	11:59:19	-4.65	15	15
27-Jan-2006	23:59:19	-4.36			04-Mar-2006	23:59:19	-8.75			09-Apr-2006	23:59:19	-6.08	15	15
28-Jan-2006	11:59:19	-3.99			05-Mar-2006	11:59:19	-8.35			10-Apr-2006	11:59:19	-6.67	16	16
28-Jan-2006	23:59:19	-4.2			05-Mar-2006	23:59:19	-8.14			10-Apr-2006	23:59:19	-7.97	16	16
29-Jan-2006	11:59:19	-3.47			06-Mar-2006	11:59:19	-7.37			11-Apr-2006	11:59:19	-8.89	17	17
29-Jan-2006	23:59:19	-3.85			06-Mar-2006	23:59:19	-7.75			11-Apr-2006	23:59:19	-10.14	17	17
30-Jan-2006	11:59:19	-3.69			07-Mar-2006	11:59:19	-7.79			12-Apr-2006	11:59:19	-10.42	18	18
30-Jan-2006	23:59:19	-3.85			07-Mar-2006	23:59:19	-8.79			12-Apr-2006	23:59:19	-10.69	18	18
31-Jan-2006	11:59:19	-3.95			08-Mar-2006	11:59:19	-8.21			13-Apr-2006	11:59:19	-10.98	19	19
31-Jan-2006	23:59:19	-4.61			08-Mar-2006	23:59:19	-8.13			13-Apr-2006	23:59:19	-11.42	19	19
01-Feb-2006	11:59:19	-4.48			09-Mar-2006	11:59:19	-8.04			14-Apr-2006	11:59:19	-10.39	20	20
01-Feb-2006	23:59:19	-4.82			09-Mar-2006	23:59:19	-7.9			14-Apr-2006	23:59:19	-12.05	20	
02-Feb-2006	11:59:19	-4.34			10-Mar-2006	11:59:19	-8.22			15-Apr-2006	11:59:19	-13.09	21	
02-Feb-2006	23:59:19	-1.79			10-Mar-2006	23:59:19	-9.27			15-Apr-2006	23:59:19	-13.74	21	
03-Feb-2006	11:59:19	-2.7			11-Mar-2006	11:59:19	-9.03			16-Apr-2006	11:59:19	-14.31	22	
03-Feb-2006	23:59:19	-3.03			11-Mar-2006	23:59:19	-6.82			16-Apr-2006	23:59:19	-14.17	22	
04-Feb-2006	11:59:19	-2.66			12-Mar-2006	11:59:19	-6.65			17-Apr-2006	11:59:19	-14.48	23	
04-Feb-2006	23:59:19	-3.21			12-Mar-2006	23:59:19	-7.18			17-Apr-2006	23:59:19	-8.53	1	23
05-Feb-2006	11:59:19	-3.35			13-Mar-2006	11:59:19	-6.9			18-Apr-2006	11:59:19	-10.28	2	24
05-Feb-2006	23:59:19	-3.91			13-Mar-2006	23:59:19	-7.2			18-Apr-2006	23:59:19	-12.56		24

Page 2 Gauge 2				(continued)				(continued)				(continued)				
Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD	
19-Apr-2006	11:59:19	-12.66	25	28-May-2006	23:59:19	-17.71	64	07-Jul-2006	11:59:19	18.46	13	104				
19-Apr-2006	23:59:19	-0.86	1	25	29-May-2006	11:59:19	-18.08	65	07-Jul-2006	23:59:19	15.84	13	104			
20-Apr-2006	11:59:19	-3.17	2	26	29-May-2006	23:59:19	-18.98	65	08-Jul-2006	11:59:19	9.25	14	105			
20-Apr-2006	23:59:19	-4.3	2	26	30-May-2006	11:59:19	-19.2	66	08-Jul-2006	23:59:19	0.94	14	105			
21-Apr-2006	11:59:19	-6.07	3	27	30-May-2006	23:59:19	-19.84	66	09-Jul-2006	11:59:19	-1.76	15	106			
21-Apr-2006	23:59:19	-6.03	3	27	31-May-2006	11:59:19	-19.97	67	09-Jul-2006	23:59:19	-2.71	15	106			
22-Apr-2006	11:59:19	-1.58	4	28	31-May-2006	23:59:19	-20.48	67	10-Jul-2006	11:59:19	-3.59	16	107			
22-Apr-2006	23:59:19	-2.9	4	28	01-Jun-2006	11:59:19	-20.45	68	10-Jul-2006	23:59:19	-4.08	16	107			
23-Apr-2006	11:59:19	-3.85	5	29	01-Jun-2006	23:59:19	-2.86	1	68	11-Jul-2006	11:59:19	-5.3	17	108		
23-Apr-2006	23:59:19	-4.29	5	29	02-Jun-2006	11:59:19	-4.71	2	69	11-Jul-2006	23:59:19	-5.66	17	108		
24-Apr-2006	11:59:19	-4.92	6	30	02-Jun-2006	23:59:19	-2.73	2	69	12-Jul-2006	11:59:19	-7.12	18	109		
24-Apr-2006	23:59:19	-5.72	6	30	03-Jun-2006	11:59:19	-3.63	3	70	12-Jul-2006	23:59:19	-8.69	18	109		
25-Apr-2006	11:59:19	-6.42	7	31	03-Jun-2006	23:59:19	-5.9	3	70	13-Jul-2006	11:59:19	-10.01	19	110		
25-Apr-2006	23:59:19	-2.4	7	31	04-Jun-2006	11:59:19	-7.09	4	71	13-Jul-2006	23:59:19	-10.04	19	110		
26-Apr-2006	11:59:19	-3.23	8	32	04-Jun-2006	23:59:19	-5.57	4	71	14-Jul-2006	11:59:19	-11.16	20	111		
26-Apr-2006	23:59:19	-2.74	8	32	05-Jun-2006	11:59:19	-7.04	5	72	14-Jul-2006	23:59:19	-11.52	20	111		
27-Apr-2006	11:59:19	-2.04	9	33	05-Jun-2006	23:59:19	-8.72	5	72	15-Jul-2006	11:59:19	-12.29	112			
27-Apr-2006	23:59:19	-3.08	9	33	06-Jun-2006	11:59:19	-9.84	6	73	15-Jul-2006	23:59:19	-12.81	112			
28-Apr-2006	11:59:19	-4.07	10	34	06-Jun-2006	23:59:19	-11.74	6	73	16-Jul-2006	11:59:19	-14.01	113			
28-Apr-2006	23:59:19	-4.84	10	34	07-Jun-2006	11:59:19	-12.69	74	16-Jul-2006	23:59:19	-14.38	113				
29-Apr-2006	11:59:19	-5.76	11	35	07-Jun-2006	23:59:19	-14.07	74	17-Jul-2006	11:59:19	-15.3	114				
29-Apr-2006	23:59:19	-6.39	11	35	08-Jun-2006	11:59:19	-14.61	75	17-Jul-2006	23:59:19	-15.47	114				
30-Apr-2006	11:59:19	-7.16	12	36	08-Jun-2006	23:59:19	-14.7	75	18-Jul-2006	11:59:19	-15.99	115				
30-Apr-2006	23:59:19	-8.45	12	36	09-Jun-2006	11:59:19	-15.35	76	18-Jul-2006	23:59:19	-16.45	115				
01-May-2006	11:59:19	-9.35	13	37	09-Jun-2006	23:59:19	-16.11	76	19-Jul-2006	11:59:19	-16.66	116				
01-May-2006	23:59:19	-11.32	13	37	10-Jun-2006	11:59:19	-16.71	77	19-Jul-2006	23:59:19	-17.27	116				
02-May-2006	11:59:19	-11.48	14	38	10-Jun-2006	23:59:19	-17.15	77	20-Jul-2006	11:59:19	-17.45	117				
02-May-2006	23:59:19	-12.77	38		11-Jun-2006	11:59:19	-4.06	1	78	20-Jul-2006	23:59:19	-17.79	117			
03-May-2006	11:59:19	-13.04	39		11-Jun-2006	23:59:19	-4.19	1	78	21-Jul-2006	11:59:19	-17.83	118			
03-May-2006	23:59:19	-14.27	39		12-Jun-2006	11:59:19	-3.18	2	79	21-Jul-2006	23:59:19	-18.22	118			
04-May-2006	11:59:19	-14.5	40		12-Jun-2006	23:59:19	-4.22	2	79	22-Jul-2006	11:59:19	-17.79	119			
04-May-2006	23:59:19	-15.31	40		13-Jun-2006	11:59:19	-5.45	3	80	22-Jul-2006	23:59:19	-2.37	1	119		
05-May-2006	11:59:19	-15.26	41		13-Jun-2006	23:59:19	-6.07	3	80	23-Jul-2006	11:59:19	-3.36	2	120		
05-May-2006	23:59:19	-13.32	41		14-Jun-2006	11:59:19	-1.72	4	81	23-Jul-2006	23:59:19	0.42	2	120		
06-May-2006	11:59:19	-13.11	42		14-Jun-2006	23:59:19	-2.54	4	81	24-Jul-2006	11:59:19	3.01	3	121		
06-May-2006	23:59:19	-15.14	42		15-Jun-2006	11:59:19	-3.5	5	82	24-Jul-2006	23:59:19	3.33	3	121		
07-May-2006	11:59:19	-13.36	43		15-Jun-2006	23:59:19	-4.57	5	82	25-Jul-2006	11:59:19	-0.38	4	122		
07-May-2006	23:59:19	-2.67	1	43	16-Jun-2006	11:59:19	-6	6	83	25-Jul-2006	23:59:19	-1.28	4	122		
08-May-2006	11:59:19	-3.56	2	44	16-Jun-2006	23:59:19	-7.4	6	83	26-Jul-2006	11:59:19	-2.11	5	123		
08-May-2006	23:59:19	-4.02	2	44	17-Jun-2006	11:59:19	-9.28	7	84	26-Jul-2006	23:59:19	-2.68	5	123		
09-May-2006	11:59:19	-4.5	3	45	17-Jun-2006	23:59:19	-11.22	7	84	27-Jul-2006	11:59:19	-3.67	6	124		
09-May-2006	23:59:19	-5.07	3	45	18-Jun-2006	11:59:19	-12.69	85		27-Jul-2006	23:59:19	-4.1	6	124		
10-May-2006	11:59:19	-5.8	4	46	18-Jun-2006	23:59:19	-13.18	85		28-Jul-2006	11:59:19	-5.94	7	125		
10-May-2006	23:59:19	-6.08	4	46	19-Jun-2006	11:59:19	-13.97	86		28-Jul-2006	23:59:19	-2.16	7	125		
11-May-2006	11:59:19	-6.37	5	47	19-Jun-2006	23:59:19	-14.44	86		29-Jul-2006	11:59:19	-2.83	8	126		
11-May-2006	23:59:19	-6.71	5	47	20-Jun-2006	11:59:19	-15.15	87		29-Jul-2006	23:59:19	-3.54	8	126		
12-May-2006	11:59:19	-8.28	6	48	20-Jun-2006	23:59:19	-15.46	87		30-Jul-2006	11:59:19	-4.72	9	127		
12-May-2006	23:59:19	-10.08	6	48	21-Jun-2006	11:59:19	-15.91	88		30-Jul-2006	23:59:19	-5.73	9	127		
13-May-2006	11:59:19	-10.65	7	49	21-Jun-2006	23:59:19	-16.24	88		31-Jul-2006	11:59:19	-7.1	10	128		
13-May-2006	23:59:19	-12.52	49		22-Jun-2006	11:59:19	-16.53	89		31-Jul-2006	23:59:19	-9.04	10	128		
14-May-2006	11:59:19	-10.63	1	50	22-Jun-2006	23:59:19	-16.86	89		01-Aug-2006	11:59:19	-10.58	11	129		
14-May-2006	23:59:19	-2.82	1	50	23-Jun-2006	11:59:19	-17.12	90		01-Aug-2006	23:59:19	-11.73	11	129		
15-May-2006	11:59:19	-3.82	2	51	23-Jun-2006	23:59:19	-9.64	1	90	02-Aug-2006	11:59:19	-12.89	130			
15-May-2006	23:59:19	-3.33	2	51	24-Jun-2006	11:59:19	-9.77	2	91	02-Aug-2006	23:59:19	-13.11	130			
16-May-2006	11:59:19	-4.6	3	52	24-Jun-2006	23:59:19	-12.22	91		03-Aug-2006	11:59:19	-14.02	131			
16-May-2006	23:59:19	-5.44	3	52	25-Jun-2006	11:59:19	-3.43	1	92	03-Aug-2006	23:59:19	-14.34	131			
17-May-2006	11:59:19	-6.74	4	53	25-Jun-2006	23:59:19	-2.64	1	92	04-Aug-2006	11:59:19	-15.04	132			
17-May-2006	23:59:19	-7.92	4	53	26-Jun-2006	11:59:19	-2.47	2	93	04-Aug-2006	23:59:19	-14.58	132			
18-May-2006	11:59:19	-9.13	5	54	26-Jun-2006	23:59:19	3.69	2	93	05-Aug-2006	11:59:19	-15.15	133			
18-May-2006	23:59:19	-10.06	5	54	27-Jun-2006	11:59:19	6.97	3	94	05-Aug-2006	23:59:19	-15.63	133			
19-May-2006	11:59:19	-10.93	6	55	27-Jun-2006	23:59:19	11.09	3	94	06-Aug-2006	11:59:19	-15.01	134			
19-May-2006	23:59:19	-12.93	55		28-Jun-2006	11:59:19	10.35	4	95	06-Aug-2006	23:59:19	-15.87	134			
20-May-2006	11:59:19	-9.51	1	56	28-Jun-2006	23:59:19	8.75	4	95	07-Aug-2006	11:59:19	-16.15	135			
20-May-2006	23:59:19	-12.21	56		29-Jun-2006	11:59:19	9.62	5	96	07-Aug-2006	23:59:19	-16.49	135			
21-May-2006	11:59:19	-12.86	57		29-Jun-2006	23:59:19	8.38	5	96	08-Aug-2006	11:59:19	-16.98	136			
21-May-2006	23:59:19	-14.73	57		30-Jun-2006	11:59:19	0.87	6	97	08-Aug-2006	23:59:19	-16.03	136			
22-May-2006	11:59:19	-15.16	58		30-Jun-2006	23:59:19	-1.9	6	97	09-Aug-2006	11:59:19	-15.91	137			
22-May-2006	23:59:19	-16.15	58		01-Jul-2006	11:59:19	-3.08	7	98	09-Aug-2006	23:59:19	-16.37	137			
23-May-2006	11:59:19	-16.37	59		01-Jul-2006	23:59:19	-3.68	7	98	10-Aug-2006	11:59:19	-15.77	138			
23-May																

Page 3 Gauge 2				(continued)				(continued)				(continued)			
Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD
15-Aug-2006	23:59:19	-18.45	143	24-Sep-2006	11:59:19	-10.56	12	183	02-Nov-2006	23:59:19	-4.14	51	222		
16-Aug-2006	11:59:19	-18.64	144	24-Sep-2006	23:59:19	-1.88	12	183	03-Nov-2006	11:59:19	-4.26	52	223		
16-Aug-2006	23:59:19	-19.34	144	25-Sep-2006	11:59:19	-2.68	13	184	03-Nov-2006	23:59:19	-4.56	52	223		
17-Aug-2006	11:59:19	-19.78	145	25-Sep-2006	23:59:19	-3.05	13	184	04-Nov-2006	11:59:19	-4.39	53	224		
17-Aug-2006	23:59:19	-20.43	145	26-Sep-2006	11:59:19	-3.55	14	185	04-Nov-2006	23:59:19	-4.72	53	224		
18-Aug-2006	11:59:19	-20.26	146	26-Sep-2006	23:59:19	-3.59	14	185	05-Nov-2006	11:59:19	-4.27	54	225		
18-Aug-2006	23:59:19	-20.86	146	27-Sep-2006	11:59:19	-4.25	15	186	05-Nov-2006	23:59:19	-4.59	54	225		
19-Aug-2006	11:59:19	-20.64	147	27-Sep-2006	23:59:19	-4.34	15	186	06-Nov-2006	11:59:19	-4.38	55	226		
19-Aug-2006	23:59:19	-21.23	147	28-Sep-2006	11:59:19	-5.14	16	187	06-Nov-2006	23:59:19	-4.37	55	226		
20-Aug-2006	11:59:19	-21.53	148	28-Sep-2006	23:59:19	-2.19	16	187	07-Nov-2006	11:59:19	-1.94				
20-Aug-2006	23:59:19	-22.35	148	29-Sep-2006	11:59:19	-2.54	17	188	07-Nov-2006	23:59:19	-1.39				
21-Aug-2006	11:59:19	-22.67	149	29-Sep-2006	23:59:19	-2.65	17	188	08-Nov-2006	11:59:19	-1.03				
21-Aug-2006	23:59:19	-23.26	149	30-Sep-2006	11:59:19	-2.83	18	189	08-Nov-2006	23:59:19	-0.87				
22-Aug-2006	11:59:19	-23.11	150	30-Sep-2006	23:59:19	-2.86	18	189	09-Nov-2006	11:59:19	-0.86				
22-Aug-2006	23:59:19	-23.45	150	01-Oct-2006	11:59:19	-3.26	19	190							
23-Aug-2006	11:59:19	-23.51	151	01-Oct-2006	23:59:19	-3.36	19	190							
23-Aug-2006	23:59:19	-24.1	151	02-Oct-2006	11:59:19	-3.99	20	191							
24-Aug-2006	11:59:19	-24.1	152	02-Oct-2006	23:59:19	-3.89	20	191							
24-Aug-2006	23:59:19	-24.82	152	03-Oct-2006	11:59:19	-4.73	21	192							
25-Aug-2006	11:59:19	-25.26	153	03-Oct-2006	23:59:19	-4.74	21	192							
25-Aug-2006	23:59:19	-26.18	153	04-Oct-2006	11:59:19	-5.79	22	193							
26-Aug-2006	11:59:19	-26.87	154	04-Oct-2006	23:59:19	-5.95	22	193							
26-Aug-2006	23:59:19	-27.63	154	05-Oct-2006	11:59:19	-7.14	23	194							
27-Aug-2006	11:59:19	-27.59	155	05-Oct-2006	23:59:19	-4.68	23	194							
27-Aug-2006	23:59:19	-27.58	155	06-Oct-2006	11:59:19	-3.61	24	195							
28-Aug-2006	11:59:19	-27.11	156	06-Oct-2006	23:59:19	-3.92	24	195							
28-Aug-2006	23:59:19	-27.45	156	07-Oct-2006	11:59:19	-3.76	25	196							
29-Aug-2006	11:59:19	-26.8	157	07-Oct-2006	23:59:19	-2.21	25	196							
29-Aug-2006	23:59:19	-14.95	157	08-Oct-2006	11:59:19	-2.7	26	197							
30-Aug-2006	11:59:19	-19.78	158	08-Oct-2006	23:59:19	-2.99	26	197							
30-Aug-2006	23:59:19	-9.93	1	09-Oct-2006	11:59:19	-3.5	27	198							
31-Aug-2006	11:59:19	-3.61	2	159	09-Oct-2006	23:59:19	-3.62	27	198						
31-Aug-2006	23:59:19	-3.06	2	159	10-Oct-2006	11:59:19	-4.33	28	199						
01-Sep-2006	11:59:19	-2.98	3	160	10-Oct-2006	23:59:19	-4.27	28	199						
01-Sep-2006	23:59:19	-4.16	3	160	11-Oct-2006	11:59:19	-4.18	29	200						
02-Sep-2006	11:59:19	-5.71	4	161	11-Oct-2006	23:59:19	-2.7	29	200						
02-Sep-2006	23:59:19	-6.97	4	161	12-Oct-2006	11:59:19	-3.98	30	201						
03-Sep-2006	11:59:19	-8.8	5	162	12-Oct-2006	23:59:19	-4.56	30	201						
03-Sep-2006	23:59:19	-11.07	5	162	13-Oct-2006	11:59:19	-5.44	31	202						
04-Sep-2006	11:59:19	-11.69	6	163	13-Oct-2006	23:59:19	-5.84	31	202						
04-Sep-2006	23:59:19	-11.63	6	163	14-Oct-2006	11:59:19	-6.39	32	203						
05-Sep-2006	11:59:19	-6.93	7	164	14-Oct-2006	23:59:19	-7.27	32	203						
05-Sep-2006	23:59:19	-10.11	7	164	15-Oct-2006	11:59:19	-7.88	33	204						
06-Sep-2006	11:59:19	-11.3	8	165	15-Oct-2006	23:59:19	-8.15	33	204						
06-Sep-2006	23:59:19	-13.05	165	16-Oct-2006	11:59:19	-8.47	34	205							
07-Sep-2006	11:59:19	-13.24	166	16-Oct-2006	23:59:19	-7.96	34	205							
07-Sep-2006	23:59:19	-14.05	166	17-Oct-2006	11:59:19	-2.32	35	206							
08-Sep-2006	11:59:19	-14.68	167	17-Oct-2006	23:59:19	-2.09	35	206							
08-Sep-2006	23:59:19	-15.01	167	18-Oct-2006	11:59:19	-2.58	36	207							
09-Sep-2006	11:59:19	-15.78	168	18-Oct-2006	23:59:19	-2.96	36	207							
09-Sep-2006	23:59:19	-16.38	168	19-Oct-2006	11:59:19	-2.97	37	208							
10-Sep-2006	11:59:19	-16.91	169	19-Oct-2006	23:59:19	-2.76	37	208							
10-Sep-2006	23:59:19	-17.37	169	20-Oct-2006	11:59:19	-2.95	38	209							
11-Sep-2006	11:59:19	-16.98	170	20-Oct-2006	23:59:19	-3.19	38	209							
11-Sep-2006	23:59:19	-17.59	170	21-Oct-2006	11:59:19	-3.52	39	210							
12-Sep-2006	11:59:19	-17.29	171	21-Oct-2006	23:59:19	-3.46	39	210							
12-Sep-2006	23:59:19	-16.94	171	22-Oct-2006	11:59:19	-2.89	40	211							
13-Sep-2006	11:59:19	-14.03	172	22-Oct-2006	23:59:19	-3.26	40	211							
13-Sep-2006	23:59:19	-1.61	1	172	23-Oct-2006	11:59:19	-3.61	41	212						
14-Sep-2006	11:59:19	20.18	2	173	23-Oct-2006	23:59:19	-3.85	41	212						
14-Sep-2006	23:59:19	18.68	2	173	24-Oct-2006	11:59:19	-4.23	42	213						
15-Sep-2006	11:59:19	18.98	3	174	24-Oct-2006	23:59:19	-4.35	42	213						
15-Sep-2006	23:59:19	21.46	3	174	25-Oct-2006	11:59:19	-4.56	43	214						
16-Sep-2006	11:59:19	17.76	4	175	25-Oct-2006	23:59:19	-4.77	43	214						
16-Sep-2006	23:59:19	5.48	4	175	26-Oct-2006	11:59:19	-4.9	44	215						
17-Sep-2006	11:59:19	0.6	5	176	26-Oct-2006	23:59:19	-4.8	44	215						
17-Sep-2006	23:59:19	-1.5	5	176	27-Oct-2006	11:59:19	-4.25	45	216						
18-Sep-2006	11:59:19	-2.7	6	177	27-Oct-2006	23:59:19	-1.52	45	216						
18-Sep-2006	23:59:19	-3.21	6	177	28-Oct-2006	11:59:19	-2.2	46	217						
19-Sep-2006	11:59:19	-3.71	7	178	28-Oct-2006	23:59:19	-2.6	46	217						
19-Sep-2006	23:59:19	-3.81	7	178	29-Oct-2006	11:59:19	-2.8	47	218						
20-Sep-2006	11:59:19	-4.44	8	179	29-Oct-2006	23:59:19	-2.98	47	218						
20-Sep-2006	23:59:19	-5	8	179	30-Oct-2006	11:59:19	-3.09	48	219						
21-Sep-2006	11:59:19	-5.96	9	180	30-Oct-2006	23:59:19	-3.14	48	219						
21-Sep-2006	23:59:19	-6.51	9	180	31-Oct-2006	11:59:19	-3.34	49	220						
22-Sep-2006	11:59:19	-7.24	10	181	31-Oct-2006	23:59:19	-3.29	49	220						
22-Sep-2006	23:59:19	-7.01	10	181	01-Nov-2006	11:59:19	-3.61	50	221						
23-Sep-2006	11:59:19	-8.44	11	182	01-Nov-2006	23:59:19	-3.57	50	221						
23-Sep-2006	23:59:19	-9.44	11	182	02-Nov-2006	11:59:19	-3.75	51	222						

Haw River Gauge 3 Year 2 (2006) Data



Gauge: 3

Data Acquired: November 9, 2006

Serial Number: N3ECCCE5

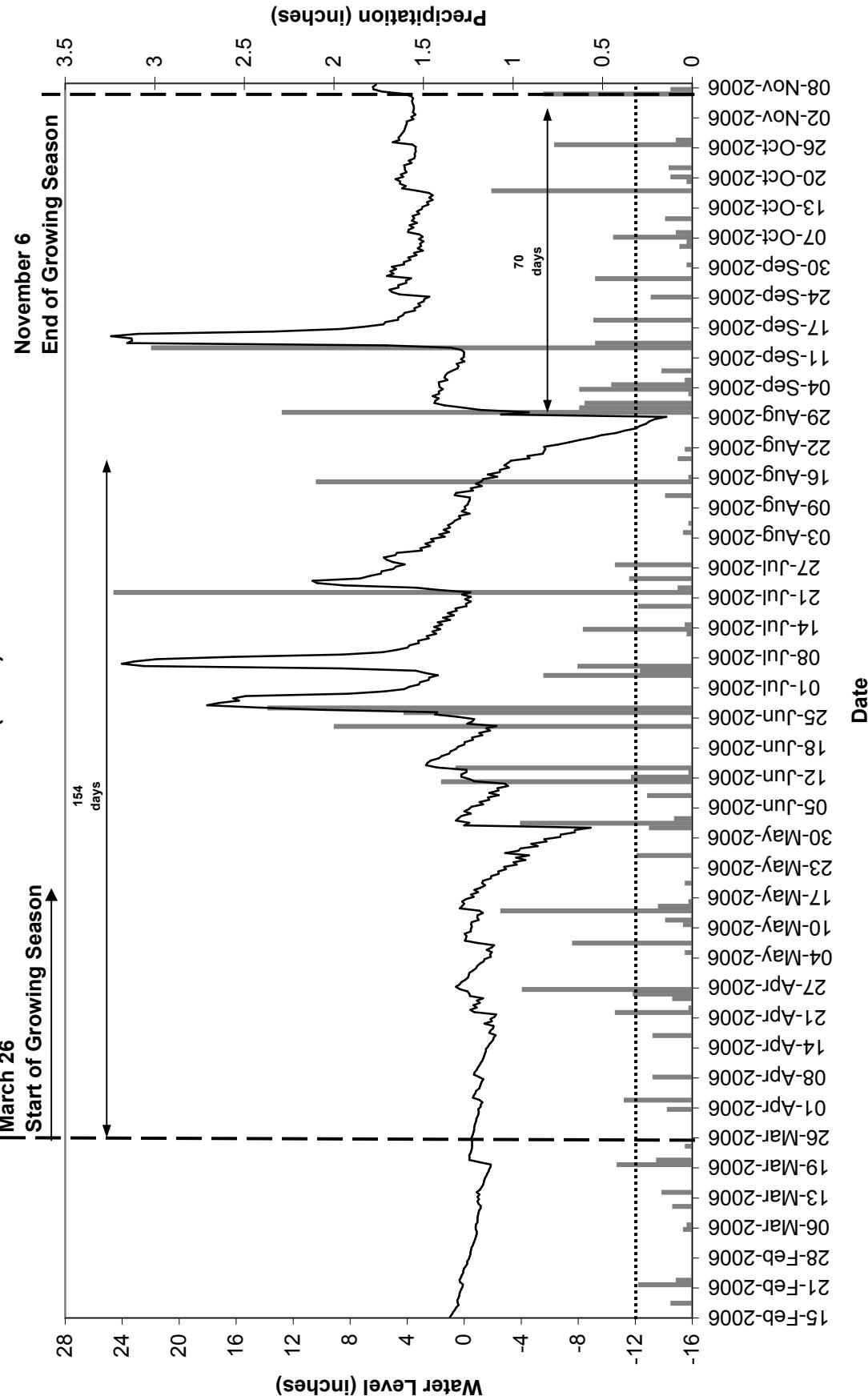
CD: Consecutive Days Saturation (within 12 inches of the soil surface) During the Growing Season

JD: Days During the Growing Season

				(continued)						(continued)				
Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD
01-Jan-2006	11:59:19	6.61			06-Feb-2006	11:59:19	6.43			18-Apr-2006	12:00:00	3.66	24	24
01-Jan-2006	23:59:19	6.51			06-Feb-2006	23:59:19	6.34			19-Apr-2006	12:00:00	3.5	25	25
02-Jan-2006	11:59:19	6.53			07-Feb-2006	11:59:19	6.26			20-Apr-2006	12:00:00	3.59	26	26
02-Jan-2006	23:59:19	8.35			08-Feb-2006	12:00:00	6.05			21-Apr-2006	12:00:00	3.42	27	27
03-Jan-2006	11:59:19	12.48			09-Feb-2006	12:00:00	5.91			22-Apr-2006	12:00:00	4.27	28	28
03-Jan-2006	23:59:19	12.4			10-Feb-2006	12:00:00	5.73			23-Apr-2006	12:00:00	4.3	29	29
04-Jan-2006	11:59:19	10.48			11-Feb-2006	12:00:00	6.05			24-Apr-2006	12:00:00	4.3	30	30
04-Jan-2006	23:59:19	9.09			12-Feb-2006	12:00:00	6.98			25-Apr-2006	12:00:00	4.21	31	31
05-Jan-2006	11:59:19	8.47			13-Feb-2006	12:00:00	7			26-Apr-2006	12:00:00	4.58	32	32
05-Jan-2006	23:59:19	8.07			14-Feb-2006	12:00:00	6.78			27-Apr-2006	12:00:00	5.44	33	33
06-Jan-2006	11:59:19	7.79			15-Feb-2006	12:00:00	6.53			28-Apr-2006	12:00:00	5.45	34	34
06-Jan-2006	23:59:19	7.55			16-Feb-2006	12:00:00	6.29			29-Apr-2006	12:00:00	5.16	35	35
07-Jan-2006	11:59:19	7.31			17-Feb-2006	12:00:00	6.06			30-Apr-2006	12:00:00	4.91	36	36
07-Jan-2006	23:59:19	7.18			18-Feb-2006	12:00:00	5.96			01-May-2006	12:00:00	4.71	37	37
08-Jan-2006	11:59:19	7.04			19-Feb-2006	12:00:00	5.9			02-May-2006	12:00:00	4.56	38	38
08-Jan-2006	23:59:19	6.91			20-Feb-2006	12:00:00	5.82			03-May-2006	12:00:00	4.35	39	39
09-Jan-2006	11:59:19	6.79			21-Feb-2006	12:00:00	5.71			04-May-2006	12:00:00	4.11	40	40
09-Jan-2006	23:59:19	6.68			22-Feb-2006	12:00:00	5.61			05-May-2006	12:00:00	3.93	41	41
10-Jan-2006	11:59:19	6.58			23-Feb-2006	12:00:00	5.82			06-May-2006	12:00:00	3.98	42	42
10-Jan-2006	23:59:19	6.52			24-Feb-2006	12:00:00	5.64			07-May-2006	12:00:00	4.1	43	43
11-Jan-2006	11:59:19	6.49			25-Feb-2006	12:00:00	5.51			08-May-2006	12:00:00	4.93	44	44
11-Jan-2006	23:59:19	7.19			26-Feb-2006	12:00:00	5.38			09-May-2006	12:00:00	4.9	45	45
12-Jan-2006	11:59:19	7.26			27-Feb-2006	12:00:00	5.24			10-May-2006	12:00:00	4.81	46	46
12-Jan-2006	23:59:19	7.3			28-Feb-2006	12:00:00	5.11			11-May-2006	12:00:00	4.72	47	47
13-Jan-2006	11:59:19	7.29			01-Mar-2006	12:00:00	5.03			12-May-2006	12:00:00	4.61	48	48
13-Jan-2006	23:59:19	7.65			02-Mar-2006	12:00:00	4.98			13-May-2006	12:00:00	4.41	49	49
14-Jan-2006	11:59:19	7.75			03-Mar-2006	12:00:00	4.82			14-May-2006	12:00:00	4.33	50	50
14-Jan-2006	23:59:19	7.58			04-Mar-2006	12:00:00	4.73			15-May-2006	12:00:00	5.11	51	51
15-Jan-2006	11:59:19	7.45			05-Mar-2006	12:00:00	4.63			16-May-2006	12:00:00	5.1	52	52
15-Jan-2006	23:59:19	7.33			06-Mar-2006	12:00:00	4.66			17-May-2006	12:00:00	4.88	53	53
16-Jan-2006	11:59:19	7.22			07-Mar-2006	12:00:00	4.65			18-May-2006	12:00:00	4.67	54	54
16-Jan-2006	23:59:19	7.11			08-Mar-2006	12:00:00	4.57			19-May-2006	12:00:00	4.55	55	55
17-Jan-2006	11:59:19	6.99			09-Mar-2006	12:00:00	4.55			20-May-2006	12:00:00	4.45	56	56
17-Jan-2006	23:59:19	7.04			10-Mar-2006	12:00:00	4.43			21-May-2006	12:00:00	4.2	57	57
18-Jan-2006	11:59:19	7.44			11-Mar-2006	12:00:00	4.28			22-May-2006	12:00:00	3.87	58	58
18-Jan-2006	23:59:19	7.36			12-Mar-2006	12:00:00	4.4			23-May-2006	12:00:00	3.6	59	59
19-Jan-2006	11:59:19	7.25			13-Mar-2006	12:00:00	4.37			24-May-2006	12:00:00	3.3	60	60
19-Jan-2006	23:59:19	7.18			14-Mar-2006	12:00:00	4.44			25-May-2006	12:00:00	3.06	61	61
20-Jan-2006	11:59:19	7.06			15-Mar-2006	12:00:00	4.23			26-May-2006	12:00:00	2.79	62	62
20-Jan-2006	23:59:19	6.98			16-Mar-2006	12:00:00	4.11			27-May-2006	12:00:00	3	63	63
21-Jan-2006	11:59:19	7.24			17-Mar-2006	12:00:00	4.04			28-May-2006	12:00:00	2.64	64	64
21-Jan-2006	23:59:19	7.26			18-Mar-2006	12:00:00	3.95			29-May-2006	12:00:00	2.29	65	65
22-Jan-2006	11:59:19	7.18			19-Mar-2006	12:00:00	3.83			30-May-2006	12:00:00	1.85	66	66
22-Jan-2006	23:59:19	7.16			20-Mar-2006	12:00:00	3.77			31-May-2006	12:00:00	1.35	67	67
23-Jan-2006	11:59:19	7.21			21-Mar-2006	12:00:00	4.83			01-Jun-2006	12:00:00	0.79	68	68
23-Jan-2006	23:59:19	7.18			22-Mar-2006	12:00:00	4.98			02-Jun-2006	12:00:00	4.62	69	69
24-Jan-2006	11:59:19	7.11			23-Mar-2006	12:00:00	4.89			03-Jun-2006	12:00:00	5.3	70	70
24-Jan-2006	23:59:19	7.01			24-Mar-2006	12:00:00	4.85			04-Jun-2006	12:00:00	4.88	71	71
25-Jan-2006	11:59:19	6.85			25-Mar-2006	12:00:00	4.87			05-Jun-2006	12:00:00	4.78	72	72
25-Jan-2006	23:59:19	6.67			26-Mar-2006	12:00:00	4.9	1	1	06-Jun-2006	12:00:00	4.52	73	73
26-Jan-2006	11:59:19	6.55			27-Mar-2006	12:00:00	4.85	2	2	07-Jun-2006	12:00:00	4.23	74	74
26-Jan-2006	23:59:19	6.38			28-Mar-2006	12:00:00	4.78	3	3	08-Jun-2006	12:00:00	4.02	75	75
27-Jan-2006	11:59:19	6.3			29-Mar-2006	12:00:00	4.71	4	4	09-Jun-2006	12:00:00	3.88	76	76
27-Jan-2006	23:59:19	6.26			30-Mar-2006	12:00:00	4.62	5	5	10-Jun-2006	12:00:00	3.6	77	77
28-Jan-2006	11:59:19	6.15			31-Mar-2006	12:00:00	4.51	6	6	11-Jun-2006	12:00:00	4.37	78	78
28-Jan-2006	23:59:19	6.11			01-Apr-2006	12:00:00	4.44	7	7	12-Jun-2006	12:00:00	5.17	79	79
29-Jan-2006	11:59:19	6.1			02-Apr-2006	12:00:00	4.27	8	8	13-Jun-2006	12:00:00	4.97	80	80
29-Jan-2006	23:59:19	6.07			03-Apr-2006	12:00:00	4.27	9	9	14-Jun-2006	12:00:00	6.84	81	81
30-Jan-2006	11:59:19	6.01			04-Apr-2006	12:00:00	4.56	10	10	15-Jun-2006	12:00:00	7.74	82	82
30-Jan-2006	23:59:19	5.97			05-Apr-2006	12:00:00	4.43	11	11	16-Jun-2006	12:00:00	6.97	83	83
31-Jan-2006	11:59:19	5.93			06-Apr-2006	12:00:00	4.26	12	12	17-Jun-2006	12:00:00	6.32	84	84
31-Jan-2006	23:59:19	5.79			07-Apr-2006	12:00:00	4.2	13	13	18-Jun-2006	12:00:00	5.81	85	85
01-Feb-2006	11:59:19	5.71			08-Apr-2006	12:00:00	4.27	14	14	19-Jun-2006	12:00:00	5.4	86	86
01-Feb-2006	23:59:19	5.68			09-Apr-2006	12:00:00	4.51	15	15	20-Jun-2006	12:00:00	5	87	87
02-Feb-2006	11:59:19	5.65			10-Apr-2006	12:00:00	4.36	16	16	21-Jun-2006	12:00:00	4.63	88	88
02-Feb-2006	23:59:19	6.11			11-Apr-2006	12:00:00	4.24	17	17	22-Jun-2006	12:00:00	4.31	89	89
03-Feb-2006	11:59:19	6.36			12-Apr-2006	12:00:00	4.11	18	18	23-Jun-2006	12:00:00	4.02	90	90
03-Feb-2006	23:59:19	6.46			13-Apr-2006	12:00:00	4.03	19	19	24-Jun-2006	12:00:00	4.62	91	91
04-Feb-2006	11:59:19	6.56			14-Apr-2006	12:00:00	3.95	20	20	25-Jun-2006	12:00:00	5.57	92	92
04-Feb-2006	23:59:19	6.66			15-Apr-2006	12:00:00	3.77	21	21	26-Jun-2006	12:00:00	6.99	93	93
05-Feb-2006	11:59:19	6.63			16-Apr-2006	12:00:00	3.58	22	22	27-Jun-2006	12:00:00	19.83	94	94
05-Feb-2006	23:59:19	6.52			17-Apr-2006	12:00:00	3.46	23	23	28-Jun-2006	12:00:00	22.55	95	95

Page 2 Gauge 3				(continued)				(continued)			
Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD
29-Jun-2006	12:00:00	21.59	96	96	16-Sep-2006	12:00:00	28.43	175	175		
30-Jun-2006	12:00:00	13.04	97	97	17-Sep-2006	12:00:00	13.17	176	176		
01-Jul-2006	12:00:00	9.4	98	98	18-Sep-2006	12:00:00	10.07	177	177		
02-Jul-2006	12:00:00	8.42	99	99	19-Sep-2006	12:00:00	9.13	178	178		
03-Jul-2006	12:00:00	7.75	100	100	20-Sep-2006	12:00:00	8.87	179	179		
04-Jul-2006	12:00:00	7.14	101	101	21-Sep-2006	12:00:00	8.39	180	180		
05-Jul-2006	12:00:00	8.43	102	102	22-Sep-2006	12:00:00	8.02	181	181		
06-Jul-2006	12:00:00	28.39	103	103	23-Sep-2006	12:00:00	7.76	182	182		
07-Jul-2006	12:00:00	28.83	104	104	24-Sep-2006	12:00:00	7.49	183	183		
08-Jul-2006	12:00:00	21.19	105	105	25-Sep-2006	12:00:00	9.66	184	184		
09-Jul-2006	12:00:00	10.75	106	106	26-Sep-2006	12:00:00	9.5	185	185		
10-Jul-2006	12:00:00	9.13	107	107	27-Sep-2006	12:00:00	8.99	186	186		
11-Jul-2006	12:00:00	8.45	108	108	28-Sep-2006	12:00:00	8.54	187	187		
12-Jul-2006	12:00:00	7.79	109	109	29-Sep-2006	12:00:00	10.2	188	188		
13-Jul-2006	12:00:00	7.14	110	110	30-Sep-2006	12:00:00	10.09	189	189		
14-Jul-2006	12:00:00	6.71	111	111	01-Oct-2006	12:00:00	9.86	190	190		
15-Jul-2006	12:00:00	6.36	112	112	02-Oct-2006	12:00:00	9.52	191	191		
16-Jul-2006	12:00:00	6	113	113	03-Oct-2006	12:00:00	9.15	192	192		
17-Jul-2006	12:00:00	5.62	114	114	04-Oct-2006	12:00:00	8.75	193	193		
18-Jul-2006	12:00:00	5.28	115	115	05-Oct-2006	12:00:00	8.4	194	194		
19-Jul-2006	12:00:00	4.96	116	116	06-Oct-2006	12:00:00	8.43	195	195		
20-Jul-2006	12:00:00	4.63	117	117	07-Oct-2006	12:00:00	8.36	196	196		
21-Jul-2006	12:00:00	4.36	118	118	08-Oct-2006	12:00:00	9.1	197	197		
22-Jul-2006	12:00:00	4.2	119	119	09-Oct-2006	12:00:00	9.1	198	198		
23-Jul-2006	12:00:00	8.44	120	120	10-Oct-2006	12:00:00	8.98	199	199		
24-Jul-2006	12:00:00	15.64	121	121	11-Oct-2006	12:00:00	8.84	200	200		
25-Jul-2006	12:00:00	12.2	122	122	12-Oct-2006	12:00:00	8.85	201	201		
26-Jul-2006	12:00:00	10.59	123	123	13-Oct-2006	12:00:00	8.57	202	202		
27-Jul-2006	12:00:00	9.4	124	124	14-Oct-2006	12:00:00	8.35	203	203		
28-Jul-2006	12:00:00	8.34	125	125	15-Oct-2006	12:00:00	8.17	204	204		
29-Jul-2006	12:00:00	8.85	126	126	16-Oct-2006	12:00:00	8.05	205	205		
30-Jul-2006	12:00:00	8.13	127	127	17-Oct-2006	12:00:00	8.52	206	206		
31-Jul-2006	12:00:00	7.51	128	128	18-Oct-2006	12:00:00	9.57	207	207		
01-Aug-2006	12:00:00	7.03	129	129	19-Oct-2006	12:00:00	9.61	208	208		
02-Aug-2006	12:00:00	6.59	130	130	20-Oct-2006	12:00:00	9.78	209	209		
03-Aug-2006	12:00:00	6.23	131	131	21-Oct-2006	12:00:00	9.59	210	210		
04-Aug-2006	12:00:00	5.89	132	132	22-Oct-2006	12:00:00	9.49	211	211		
05-Aug-2006	12:00:00	5.74	133	133	23-Oct-2006	12:00:00	9.41	212	212		
06-Aug-2006	12:00:00	5.5	134	134	24-Oct-2006	12:00:00	9.27	213	213		
07-Aug-2006	12:00:00	5.29	135	135	25-Oct-2006	12:00:00	9.12	214	214		
08-Aug-2006	12:00:00	5.05	136	136	26-Oct-2006	12:00:00	8.98	215	215		
09-Aug-2006	12:00:00	4.98	137	137	27-Oct-2006	12:00:00	8.97	216	216		
10-Aug-2006	12:00:00	4.87	138	138	28-Oct-2006	12:00:00	10.13	217	217		
11-Aug-2006	12:00:00	4.68	139	139	29-Oct-2006	12:00:00	9.98	218	218		
12-Aug-2006	12:00:00	5.06	140	140	30-Oct-2006	12:00:00	9.76	219	219		
13-Aug-2006	12:00:00	4.91	141	141	31-Oct-2006	12:00:00	9.57	220	220		
14-Aug-2006	12:00:00	4.67	142	142	01-Nov-2006	12:00:00	9.34	221	221		
15-Aug-2006	12:00:00	4.45	143	143	02-Nov-2006	12:00:00	9.21	222	222		
16-Aug-2006	12:00:00	4.31	144	144	03-Nov-2006	12:00:00	9.26	223	223		
17-Aug-2006	12:00:00	4.07	145	145	04-Nov-2006	12:00:00	9.23	224	224		
18-Aug-2006	12:00:00	3.77	146	146	05-Nov-2006	12:00:00	9.26	225	225		
19-Aug-2006	12:00:00	3.58	147	147	06-Nov-2006	12:00:00	9.29	226	226		
20-Aug-2006	12:00:00	3.33	148	148	07-Nov-2006	12:00:00	9.63				
21-Aug-2006	12:00:00	3.08	149	149	08-Nov-2006	12:00:00	11.57				
22-Aug-2006	12:00:00	2.86	150	150	09-Nov-2006	12:00:00	11.79				
23-Aug-2006	12:00:00	2.67	151	151							
24-Aug-2006	12:00:00	2.36	152	152							
25-Aug-2006	12:00:00	2.01	153	153							
26-Aug-2006	12:00:00	1.61	154	154							
27-Aug-2006	12:00:00	1.16	155	155							
28-Aug-2006	12:00:00	0.66	156	156							
29-Aug-2006	12:00:00	-0.04	157	157							
30-Aug-2006	12:00:00	2.25	158	158							
31-Aug-2006	12:00:00	4.41	159	159							
01-Sep-2006	12:00:00	5.84	160	160							
02-Sep-2006	12:00:00	6.17	161	161							
03-Sep-2006	12:00:00	6.16	162	162							
04-Sep-2006	12:00:00	5.96	163	163							
05-Sep-2006	12:00:00	6.2	164	164							
06-Sep-2006	12:00:00	6.08	165	165							
07-Sep-2006	12:00:00	5.95	166	166							
08-Sep-2006	12:00:00	5.86	167	167							
09-Sep-2006	12:00:00	5.71	168	168							
10-Sep-2006	12:00:00	5.51	169	169							
11-Sep-2006	12:00:00	5.35	170	170							
12-Sep-2006	12:00:00	5.27	171	171							
13-Sep-2006	12:00:00	5.64	172	172							
14-Sep-2006	12:00:00	30.05	173	173							
15-Sep-2006	12:00:00	29.31	174	174							

Haw River Gauge 4 Year 2 (2006) Data



Gauge: 4

Data Acquired: November 9, 2006

Serial Number: N4241D5C

CD: Consecutive Days Saturation (within 12 inches of the soil surface) During the Growing Season

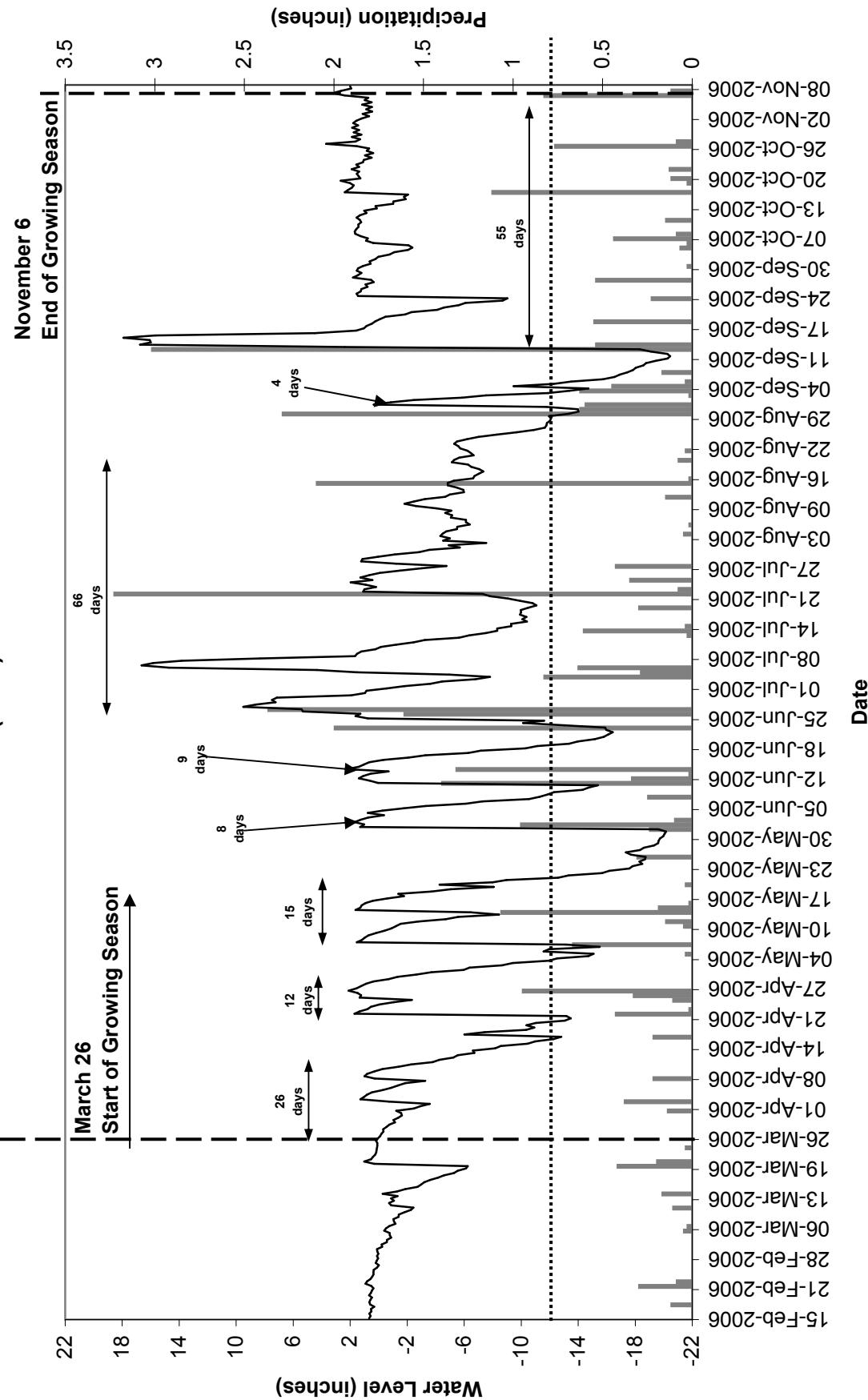
JD: Days During the Growing Season

Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD
01-Jan-2006	11:59:19	1.03			06-Feb-2006	11:59:19	0.91			14-Mar-2006	11:59:19	-0.87		
01-Jan-2006	23:59:19	0.95			06-Feb-2006	23:59:19	0.81			14-Mar-2006	23:59:19	-1.09		
02-Jan-2006	11:59:19	0.94			07-Feb-2006	11:59:19	0.71			15-Mar-2006	11:59:19	-1.2		
02-Jan-2006	23:59:19	2.8			07-Feb-2006	23:59:19	0.62			15-Mar-2006	23:59:19	-1.31		
03-Jan-2006	11:59:19	6.86			08-Feb-2006	11:59:19	0.53			16-Mar-2006	11:59:19	-1.37		
03-Jan-2006	23:59:19	6.77			08-Feb-2006	23:59:19	0.45			16-Mar-2006	23:59:19	-1.4		
04-Jan-2006	11:59:19	4.89			09-Feb-2006	11:59:19	0.35			17-Mar-2006	11:59:19	-1.45		
04-Jan-2006	23:59:19	3.51			09-Feb-2006	23:59:19	0.29			17-Mar-2006	23:59:19	-1.55		
05-Jan-2006	11:59:19	2.86			10-Feb-2006	11:59:19	0.22			18-Mar-2006	11:59:19	-1.62		
05-Jan-2006	23:59:19	2.5			10-Feb-2006	23:59:19	0.15			18-Mar-2006	23:59:19	-1.71		
06-Jan-2006	11:59:19	2.22			11-Feb-2006	11:59:19	0.55			19-Mar-2006	11:59:19	-1.76		
06-Jan-2006	23:59:19	1.96			11-Feb-2006	23:59:19	1.26			19-Mar-2006	23:59:19	-1.85		
07-Jan-2006	11:59:19	1.77			12-Feb-2006	11:59:19	1.47			20-Mar-2006	11:59:19	-1.86		
07-Jan-2006	23:59:19	1.62			12-Feb-2006	23:59:19	1.53			20-Mar-2006	23:59:19	-1.1		
08-Jan-2006	11:59:19	1.47			13-Feb-2006	11:59:19	1.48			21-Mar-2006	11:59:19	-0.36		
08-Jan-2006	23:59:19	1.34			13-Feb-2006	23:59:19	1.37			21-Mar-2006	23:59:19	-0.38		
09-Jan-2006	11:59:19	1.21			14-Feb-2006	11:59:19	1.25			22-Mar-2006	11:59:19	-0.36		
09-Jan-2006	23:59:19	1.09			14-Feb-2006	23:59:19	1.11			22-Mar-2006	23:59:19	-0.45		
10-Jan-2006	11:59:19	1			15-Feb-2006	11:59:19	1			23-Mar-2006	11:59:19	-0.5		
10-Jan-2006	23:59:19	0.97			15-Feb-2006	23:59:19	0.87			23-Mar-2006	23:59:19	-0.53		
11-Jan-2006	11:59:19	0.94			16-Feb-2006	11:59:19	0.78			24-Mar-2006	11:59:19	-0.55		
11-Jan-2006	23:59:19	1.66			16-Feb-2006	23:59:19	0.65			24-Mar-2006	23:59:19	-0.55		
12-Jan-2006	11:59:19	1.71			17-Feb-2006	11:59:19	0.56			25-Mar-2006	11:59:19	-0.55		
12-Jan-2006	23:59:19	1.75			17-Feb-2006	23:59:19	0.39			25-Mar-2006	23:59:19	-0.48		
13-Jan-2006	11:59:19	1.74			18-Feb-2006	11:59:19	0.46			26-Mar-2006	11:59:19	-0.53	1	1
13-Jan-2006	23:59:19	2.14			18-Feb-2006	23:59:19	0.48			26-Mar-2006	23:59:19	-0.6	1	1
14-Jan-2006	11:59:19	2.19			19-Feb-2006	11:59:19	0.41			27-Mar-2006	11:59:19	-0.65	2	2
14-Jan-2006	23:59:19	2.06			19-Feb-2006	23:59:19	0.34			27-Mar-2006	23:59:19	-0.7	2	2
15-Jan-2006	11:59:19	1.9			20-Feb-2006	11:59:19	0.33			28-Mar-2006	11:59:19	-0.7	3	3
15-Jan-2006	23:59:19	1.8			20-Feb-2006	23:59:19	0.27			28-Mar-2006	23:59:19	-0.74	3	3
16-Jan-2006	11:59:19	1.7			21-Feb-2006	11:59:19	0.2			29-Mar-2006	11:59:19	-0.79	4	4
16-Jan-2006	23:59:19	1.57			21-Feb-2006	23:59:19	0.11			29-Mar-2006	23:59:19	-0.84	4	4
17-Jan-2006	11:59:19	1.46			22-Feb-2006	11:59:19	0.09			30-Mar-2006	11:59:19	-0.86	5	5
17-Jan-2006	23:59:19	1.53			22-Feb-2006	23:59:19	0.29			30-Mar-2006	23:59:19	-0.95	5	5
18-Jan-2006	11:59:19	1.94			23-Feb-2006	11:59:19	0.33			31-Mar-2006	11:59:19	-1	6	6
18-Jan-2006	23:59:19	1.81			23-Feb-2006	23:59:19	0.24			31-Mar-2006	23:59:19	-1.03	6	6
19-Jan-2006	11:59:19	1.73			24-Feb-2006	11:59:19	0.16			01-Apr-2006	11:59:19	-0.98	7	7
19-Jan-2006	23:59:19	1.66			24-Feb-2006	23:59:19	0.08			01-Apr-2006	23:59:19	-1.15	7	7
20-Jan-2006	11:59:19	1.54			25-Feb-2006	11:59:19	0.05			02-Apr-2006	11:59:19	-1.16	8	8
20-Jan-2006	23:59:19	1.44			25-Feb-2006	23:59:19	0			02-Apr-2006	23:59:19	-1.28	8	8
21-Jan-2006	11:59:19	1.73			26-Feb-2006	11:59:19	-0.12			03-Apr-2006	11:59:19	-1.08	9	9
21-Jan-2006	23:59:19	1.71			26-Feb-2006	23:59:19	-0.22			03-Apr-2006	23:59:19	-0.6	9	9
22-Jan-2006	11:59:19	1.64			27-Feb-2006	11:59:19	-0.21			04-Apr-2006	11:59:19	-0.68	10	10
22-Jan-2006	23:59:19	1.6			27-Feb-2006	23:59:19	-0.32			04-Apr-2006	23:59:19	-0.79	10	10
23-Jan-2006	11:59:19	1.67			28-Feb-2006	11:59:19	-0.38			05-Apr-2006	11:59:19	-0.85	11	11
23-Jan-2006	23:59:19	1.64			28-Feb-2006	23:59:19	-0.43			05-Apr-2006	23:59:19	-1.05	11	11
24-Jan-2006	11:59:19	1.56			01-Mar-2006	11:59:19	-0.45			06-Apr-2006	11:59:19	-1.12	12	12
24-Jan-2006	23:59:19	1.48			01-Mar-2006	23:59:19	-0.49			06-Apr-2006	23:59:19	-1.17	12	12
25-Jan-2006	11:59:19	1.35			02-Mar-2006	11:59:19	-0.51			07-Apr-2006	11:59:19	-1.23	13	13
25-Jan-2006	23:59:19	1.13			02-Mar-2006	23:59:19	-0.61			07-Apr-2006	23:59:19	-1.35	13	13
26-Jan-2006	11:59:19	1.02			03-Mar-2006	11:59:19	-0.67			08-Apr-2006	11:59:19	-1.04	14	14
26-Jan-2006	23:59:19	0.88			03-Mar-2006	23:59:19	-0.73			08-Apr-2006	23:59:19	-0.68	14	14
27-Jan-2006	11:59:19	0.76			04-Mar-2006	11:59:19	-0.78			09-Apr-2006	11:59:19	-0.73	15	15
27-Jan-2006	23:59:19	0.7			04-Mar-2006	23:59:19	-0.84			09-Apr-2006	23:59:19	-0.87	15	15
28-Jan-2006	11:59:19	0.64			05-Mar-2006	11:59:19	-0.87			10-Apr-2006	11:59:19	-0.96	16	16
28-Jan-2006	23:59:19	0.56			05-Mar-2006	23:59:19	-0.88			10-Apr-2006	23:59:19	-1.07	16	16
29-Jan-2006	11:59:19	0.5			06-Mar-2006	11:59:19	-0.8			11-Apr-2006	11:59:19	-1.17	17	17
29-Jan-2006	23:59:19	0.52			06-Mar-2006	23:59:19	-0.81			11-Apr-2006	23:59:19	-1.28	17	17
30-Jan-2006	11:59:19	0.46			07-Mar-2006	11:59:19	-0.83			12-Apr-2006	11:59:19	-1.34	18	18
30-Jan-2006	23:59:19	0.42			07-Mar-2006	23:59:19	-0.93			12-Apr-2006	23:59:19	-1.4	18	18
31-Jan-2006	11:59:19	0.36			08-Mar-2006	11:59:19	-0.94			13-Apr-2006	11:59:19	-1.45	19	19
31-Jan-2006	23:59:19	0.28			08-Mar-2006	23:59:19	-0.94			13-Apr-2006	23:59:19	-1.53	19	19
01-Feb-2006	11:59:19	0.2			09-Mar-2006	11:59:19	-0.97			14-Apr-2006	11:59:19	-1.52	20	20
01-Feb-2006	23:59:19	0.16			09-Mar-2006	23:59:19	-1.01			14-Apr-2006	23:59:19	-1.66	20	20
02-Feb-2006	11:59:19	0.11			10-Mar-2006	11:59:19	-1.04			15-Apr-2006	11:59:19	-1.76	21	21
02-Feb-2006	23:59:19	0.64			10-Mar-2006	23:59:19	-1.15			15-Apr-2006	23:59:19	-1.91	21	21
03-Feb-2006	11:59:19	0.86			11-Mar-2006	11:59:19	-1.17			16-Apr-2006	11:59:19	-2.02	22	22
03-Feb-2006	23:59:19	0.94			11-Mar-2006	23:59:19	-1.01			16-Apr-2006	23:59:19	-2.09	22	22
04-Feb-2006	11:59:19	1.07			12-Mar-2006	11:59:19	-0.93			17-Apr-2006	11:59:19	-2.2	23	23
04-Feb-2006	23:59:19	1.17			12-Mar-2006	23:59:19	-1.04			17-Apr-2006	23:59:19	-1.75	23	23
05-Feb-2006	11:59:19	1.19			13-Mar-2006	11:59:19	-0.94			18-Apr-2006	11:59:19	-1.85	24	24
05-Feb-2006	23:59:19	1			13-Mar-2006	23:59:19	-1.07			18-Apr-2006	23:59:19	-2.02	24	24

Page 2 Gauge 4				(continued)				(continued)				(continued)			
Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD
19-Apr-2006	11:59:19	-2.06	25	25	28-May-2006	23:59:19	-4.71	64	64	07-Jul-2006	11:59:19	23.16	104	104	
19-Apr-2006	23:59:19	-1.41	25	25	29-May-2006	11:59:19	-5.77	65	65	07-Jul-2006	23:59:19	21.58	104	104	
20-Apr-2006	11:59:19	-1.94	26	26	30-May-2006	23:59:19	-5.63	65	65	08-Jul-2006	11:59:19	16.21	105	105	
20-Apr-2006	23:59:19	-1.84	26	26	30-May-2006	11:59:19	-6.74	66	66	08-Jul-2006	23:59:19	8.53	105	105	
21-Apr-2006	11:59:19	-2.14	27	27	30-May-2006	23:59:19	-6.78	66	66	09-Jul-2006	11:59:19	5.75	106	106	
21-Apr-2006	23:59:19	-2.24	27	27	31-May-2006	11:59:19	-7.76	67	67	09-Jul-2006	23:59:19	4.75	106	106	
22-Apr-2006	11:59:19	-0.7	28	28	31-May-2006	23:59:19	-7.77	67	67	10-Jul-2006	11:59:19	3.97	107	107	
22-Apr-2006	23:59:19	-0.43	28	28	01-Jun-2006	11:59:19	-8.88	68	68	10-Jul-2006	23:59:19	3.83	107	107	
23-Apr-2006	11:59:19	-0.88	29	29	01-Jun-2006	23:59:19	0.01	68	68	11-Jul-2006	11:59:19	3.18	108	108	
23-Apr-2006	23:59:19	-0.65	29	29	02-Jun-2006	11:59:19	-0.35	69	69	11-Jul-2006	23:59:19	3.23	108	108	
24-Apr-2006	11:59:19	-1.1	30	30	02-Jun-2006	23:59:19	0.58	69	69	12-Jul-2006	11:59:19	2.49	109	109	
24-Apr-2006	23:59:19	-0.9	30	30	03-Jun-2006	11:59:19	0.4	70	70	12-Jul-2006	23:59:19	2.62	109	109	
25-Apr-2006	11:59:19	-1.32	31	31	03-Jun-2006	23:59:19	0.18	70	70	13-Jul-2006	11:59:19	1.96	110	110	
25-Apr-2006	23:59:19	-0.41	31	31	04-Jun-2006	11:59:19	-0.47	71	71	13-Jul-2006	23:59:19	2.24	110	110	
26-Apr-2006	11:59:19	-0.36	32	32	04-Jun-2006	23:59:19	-0.02	71	71	14-Jul-2006	11:59:19	1.68	111	111	
26-Apr-2006	23:59:19	-0.23	32	32	05-Jun-2006	11:59:19	-0.33	72	72	14-Jul-2006	23:59:19	2.11	111	111	
27-Apr-2006	11:59:19	0.32	33	33	05-Jun-2006	23:59:19	-0.51	72	72	15-Jul-2006	11:59:19	1.55	112	112	
27-Apr-2006	23:59:19	0.58	33	33	06-Jun-2006	11:59:19	-1.32	73	73	15-Jul-2006	23:59:19	1.86	112	112	
28-Apr-2006	11:59:19	0.33	34	34	06-Jun-2006	23:59:19	-1.07	73	73	16-Jul-2006	11:59:19	1	113	113	
28-Apr-2006	23:59:19	0.21	34	34	07-Jun-2006	11:59:19	-1.75	74	74	16-Jul-2006	23:59:19	1.47	113	113	
29-Apr-2006	11:59:19	-0.07	35	35	07-Jun-2006	23:59:19	-1.67	74	74	17-Jul-2006	11:59:19	0.72	114	114	
29-Apr-2006	23:59:19	-0.26	35	35	08-Jun-2006	11:59:19	-2.43	75	75	17-Jul-2006	23:59:19	1.16	114	114	
30-Apr-2006	11:59:19	-0.32	36	36	08-Jun-2006	23:59:19	-1.75	75	75	18-Jul-2006	11:59:19	0.52	115	115	
30-Apr-2006	23:59:19	-0.36	36	36	09-Jun-2006	11:59:19	-2.4	76	76	18-Jul-2006	23:59:19	0.61	115	115	
01-May-2006	11:59:19	-0.6	37	37	09-Jun-2006	23:59:19	-2.33	76	76	19-Jul-2006	11:59:19	-0.16	116	116	
01-May-2006	23:59:19	-0.83	37	37	10-Jun-2006	11:59:19	-3.07	77	77	19-Jul-2006	23:59:19	-0.12	116	116	
02-May-2006	11:59:19	-0.92	38	38	10-Jun-2006	23:59:19	-2.86	77	77	20-Jul-2006	11:59:19	-0.47	117	117	
02-May-2006	23:59:19	-1.09	38	38	11-Jun-2006	11:59:19	-0.71	78	78	20-Jul-2006	23:59:19	-0.07	117	117	
03-May-2006	11:59:19	-1.36	39	39	11-Jun-2006	23:59:19	-0.36	78	78	21-Jul-2006	11:59:19	-0.46	118	118	
03-May-2006	23:59:19	-1.44	39	39	12-Jun-2006	11:59:19	0.2	79	79	21-Jul-2006	23:59:19	0.15	118	118	
04-May-2006	11:59:19	-1.87	40	40	12-Jun-2006	23:59:19	0.2	79	79	22-Jul-2006	11:59:19	-0.42	119	119	
04-May-2006	23:59:19	-1.82	40	40	13-Jun-2006	11:59:19	-0.15	80	80	22-Jul-2006	23:59:19	1.76	119	119	
05-May-2006	11:59:19	-1.93	41	41	13-Jun-2006	23:59:19	-0.16	80	80	23-Jul-2006	11:59:19	3.37	120	120	
05-May-2006	23:59:19	-1.58	41	41	14-Jun-2006	11:59:19	1.91	81	81	23-Jul-2006	23:59:19	8.43	120	120	
06-May-2006	11:59:19	-1.92	42	42	14-Jun-2006	23:59:19	2.68	81	81	24-Jul-2006	11:59:19	10.33	121	121	
06-May-2006	23:59:19	-2.1	42	42	15-Jun-2006	11:59:19	2.57	82	82	24-Jul-2006	23:59:19	10.65	121	121	
07-May-2006	11:59:19	-0.93	43	43	15-Jun-2006	23:59:19	2.36	82	82	25-Jul-2006	11:59:19	7.3	122	122	
07-May-2006	23:59:19	-0.05	43	43	16-Jun-2006	11:59:19	1.78	83	83	25-Jul-2006	23:59:19	6.62	122	122	
08-May-2006	11:59:19	-0.12	44	44	16-Jun-2006	23:59:19	1.57	83	83	26-Jul-2006	11:59:19	5.84	123	123	
08-May-2006	23:59:19	-0.16	44	44	17-Jun-2006	11:59:19	1.06	84	84	26-Jul-2006	23:59:19	5.79	123	123	
09-May-2006	11:59:19	-0.03	45	45	17-Jun-2006	23:59:19	0.96	84	84	27-Jul-2006	11:59:19	4.99	124	124	
09-May-2006	23:59:19	-0.47	45	45	18-Jun-2006	11:59:19	0.57	85	85	27-Jul-2006	23:59:19	4.78	124	124	
10-May-2006	11:59:19	-0.46	46	46	18-Jun-2006	23:59:19	0.43	85	85	28-Jul-2006	11:59:19	4.18	125	125	
10-May-2006	23:59:19	-0.54	46	46	19-Jun-2006	11:59:19	-0.02	86	86	28-Jul-2006	23:59:19	5	125	125	
11-May-2006	11:59:19	-0.49	47	47	19-Jun-2006	23:59:19	-0.04	86	86	29-Jul-2006	11:59:19	5.43	126	126	
11-May-2006	23:59:19	-0.51	47	47	20-Jun-2006	11:59:19	-0.6	87	87	29-Jul-2006	23:59:19	5.65	126	126	
12-May-2006	11:59:19	-1.02	48	48	20-Jun-2006	23:59:19	-0.56	87	87	30-Jul-2006	11:59:19	4.84	127	127	
12-May-2006	23:59:19	-0.91	48	48	21-Jun-2006	11:59:19	-1.27	88	88	30-Jul-2006	23:59:19	4.71	127	127	
13-May-2006	11:59:19	-0.94	49	49	21-Jun-2006	23:59:19	-1.06	88	88	31-Jul-2006	11:59:19	2.97	128	128	
13-May-2006	23:59:19	-1.31	49	49	22-Jun-2006	11:59:19	-1.81	89	89	31-Jul-2006	23:59:19	3.07	128	128	
14-May-2006	11:59:19	-1.07	50	50	22-Jun-2006	23:59:19	-1.55	89	89	01-Aug-2006	11:59:19	2.4	129	129	
14-May-2006	23:59:19	0.3	50	50	23-Jun-2006	11:59:19	-2.27	90	90	01-Aug-2006	23:59:19	2.71	129	129	
15-May-2006	11:59:19	0.15	51	51	23-Jun-2006	23:59:19	-0.21	90	90	02-Aug-2006	11:59:19	2.14	130	130	
15-May-2006	23:59:19	0	51	51	24-Jun-2006	11:59:19	-0.58	91	91	02-Aug-2006	23:59:19	2.33	130	130	
16-May-2006	11:59:19	0.15	52	52	24-Jun-2006	23:59:19	-0.7	91	91	03-Aug-2006	11:59:19	1.37	131	131	
16-May-2006	23:59:19	-0.12	52	52	25-Jun-2006	11:59:19	0.47	92	92	03-Aug-2006	23:59:19	1.74	131	131	
17-May-2006	11:59:19	-0.66	53	53	25-Jun-2006	23:59:19	2.06	92	92	04-Aug-2006	11:59:19	1.06	132	132	
17-May-2006	23:59:19	-0.49	53	53	26-Jun-2006	11:59:19	1.89	93	93	04-Aug-2006	23:59:19	1.45	132	132	
18-May-2006	11:59:19	-0.97	54	54	26-Jun-2006	23:59:19	9.84	93	93	05-Aug-2006	11:59:19	0.99	133	133	
18-May-2006	23:59:19	-0.71	54	54	27-Jun-2006	11:59:19	14.39	94	94	05-Aug-2006	23:59:19	1.14	133	133	
19-May-2006	11:59:19	-1.17	55	55	27-Jun-2006	23:59:19	18.03	94	94	06-Aug-2006	11:59:19	0.82	134	134	
19-May-2006	23:59:19	-1.48	55	55	28-Jun-2006	11:59:19	17.22	95	95	06-Aug-2006	23:59:19	0.65	134	134	
20-May-2006	11:59:19	-1.26	56	56	28-Jun-2006	23:59:19	15.8	95	95	07-Aug-2006	11:59:19	0.28	135	135	
20-May-2006	23:59:19	-1.33	56	56	29-Jun-2006	11:59:19	16.21	96	96	07-Aug-2006	23:59:19	0.37	135	135	
21-May-2006	11:59:19	-1.86	57	57	29-Jun-2006	23:59:19	15.32	96	96	08-Aug-2006	11:59:19	-0.37	136	136	
21-May-2006	23:59:19	-1.9	57	57	30-Jun-2006	11:59:19	8.14	97	97	08-Aug-2006	23:59:19	0.16	136	136	
22-May-2006	11:59:19	-2.42	58	58	30-Jun-2006	23:59:19	5.62	97	97	09-Aug-2006	11:59:19	-0.09	137	137	
22-May-2006	23:59:19	-2.38	58	58	01-Jul-2006	11:59:19	4.21	98	98	09-Aug-2006	23:59:19	-0.03	137	137	
23-May-2006	11:59:19	-2.92	59	59	01-Jul-2006	23:59:19	3.87	98	98	10-Aug-2006	11:59:19	-0.25	138	138	
23-May-2006	23:59:19	-2.81	59	59	02-Jul-2006	11:59:19	3.19	99	99	10-Aug-2006	23:59:19	-0.3	138	138	
24-May-2006	11:59:19	-3.													

Page 3 Gauge 4				(continued)				(continued)				(continued)			
Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD
15-Aug-2006	23:59:19	-1.32	143	143	24-Sep-2006	11:59:19	2.44	27	183	02-Nov-2006	23:59:19	3.42	66	222	
16-Aug-2006	11:59:19	-2.31	144	144	24-Sep-2006	23:59:19	4.54	27	183	03-Nov-2006	11:59:19	3.6	67	223	
16-Aug-2006	23:59:19	-1.65	144	144	25-Sep-2006	11:59:19	5.05	28	184	03-Nov-2006	23:59:19	3.54	67	223	
17-Aug-2006	11:59:19	-2.49	145	145	25-Sep-2006	23:59:19	5.26	28	184	04-Nov-2006	11:59:19	3.52	68	224	
17-Aug-2006	23:59:19	-2.51	145	145	26-Sep-2006	11:59:19	4.6	29	185	04-Nov-2006	23:59:19	3.57	68	224	
18-Aug-2006	11:59:19	-3.14	146	146	26-Sep-2006	23:59:19	4.63	29	185	05-Nov-2006	11:59:19	3.63	69	225	
18-Aug-2006	23:59:19	-2.82	146	146	27-Sep-2006	11:59:19	4.07	30	186	05-Nov-2006	23:59:19	3.66	69	225	
19-Aug-2006	11:59:19	-3.08	147	147	27-Sep-2006	23:59:19	4.09	30	186	06-Nov-2006	23:59:19	3.59	70	226	
19-Aug-2006	23:59:19	-3.28	147	147	28-Sep-2006	11:59:19	3.73	31	187	06-Nov-2006	23:59:19	3.72	70	226	
20-Aug-2006	11:59:19	-4.58	148	148	28-Sep-2006	23:59:19	5.41	31	187	07-Nov-2006	11:59:19	4.26			
20-Aug-2006	23:59:19	-4.43	148	148	29-Sep-2006	11:59:19	4.97	32	188	07-Nov-2006	23:59:19	5.77			
21-Aug-2006	11:59:19	-5.52	149	149	29-Sep-2006	23:59:19	5.18	32	188	08-Nov-2006	11:59:19	6.37			
21-Aug-2006	23:59:19	-5.59	149	149	30-Sep-2006	11:59:19	4.79	33	189	08-Nov-2006	23:59:19	6.4			
22-Aug-2006	11:59:19	-5.7	150	150	30-Sep-2006	23:59:19	5.07	33	189	09-Nov-2006	11:59:19	6.18			
22-Aug-2006	23:59:19	-5.61	150	150	01-Oct-2006	11:59:19	4.22	34	190						
23-Aug-2006	11:59:19	-6.59	151	151	01-Oct-2006	23:59:19	4.22	34	190						
23-Aug-2006	23:59:19	-7.39	151	151	02-Oct-2006	11:59:19	3.76	35	191						
24-Aug-2006	11:59:19	-8.13	152	152	02-Oct-2006	23:59:19	3.93	35	191						
24-Aug-2006	23:59:19	-8.98	152	152	03-Oct-2006	11:59:19	3.34	36	192						
25-Aug-2006	11:59:19	-9.59	153	153	03-Oct-2006	23:59:19	3.53	36	192						
25-Aug-2006	23:59:19	-10.66	153	153	04-Oct-2006	11:59:19	2.89	37	193						
26-Aug-2006	11:59:19	-11.26	154	154	04-Oct-2006	23:59:19	3.25	37	193						
26-Aug-2006	23:59:19	-12.06	154	154	05-Oct-2006	11:59:19	3.02	38	194						
27-Aug-2006	11:59:19	-12.31	155	155	05-Oct-2006	23:59:19	3.09	38	194						
27-Aug-2006	23:59:19	-12.76	155	155	06-Oct-2006	11:59:19	2.87	39	195						
28-Aug-2006	11:59:19	-12.98	156	156	06-Oct-2006	23:59:19	3.17	39	195						
28-Aug-2006	23:59:19	-13.37	156	156	07-Oct-2006	11:59:19	2.91	40	196						
29-Aug-2006	11:59:19	-14.19	157	157	07-Oct-2006	23:59:19	3.13	40	196						
29-Aug-2006	23:59:19	-2.58	1	157	08-Oct-2006	11:59:19	3.95	41	197						
30-Aug-2006	11:59:19	-4.53	2	158	08-Oct-2006	23:59:19	3.91	41	197						
30-Aug-2006	23:59:19	-1.13	2	158	09-Oct-2006	11:59:19	3.57	42	198						
31-Aug-2006	11:59:19	0.07	3	159	09-Oct-2006	23:59:19	3.83	42	198						
31-Aug-2006	23:59:19	1.41	3	159	10-Oct-2006	11:59:19	3.32	43	199						
01-Sep-2006	11:59:19	2.09	4	160	10-Oct-2006	23:59:19	3.67	43	199						
01-Sep-2006	23:59:19	2.02	4	160	11-Oct-2006	11:59:19	3.51	44	200						
02-Sep-2006	11:59:19	1.78	5	161	11-Oct-2006	23:59:19	3.62	44	200						
02-Sep-2006	23:59:19	2.22	5	161	12-Oct-2006	11:59:19	3.15	45	201						
03-Sep-2006	11:59:19	1.76	6	162	12-Oct-2006	23:59:19	3.32	45	201						
03-Sep-2006	23:59:19	1.78	6	162	13-Oct-2006	11:59:19	2.99	46	202						
04-Sep-2006	11:59:19	1.49	7	163	13-Oct-2006	23:59:19	2.92	46	202						
04-Sep-2006	23:59:19	1.73	7	163	14-Oct-2006	11:59:19	2.5	47	203						
05-Sep-2006	11:59:19	1.77	8	164	14-Oct-2006	23:59:19	2.61	47	203						
05-Sep-2006	23:59:19	1.79	8	164	15-Oct-2006	11:59:19	2.21	48	204						
06-Sep-2006	11:59:19	1.18	9	165	15-Oct-2006	23:59:19	2.45	48	204						
06-Sep-2006	23:59:19	1.39	9	165	16-Oct-2006	11:59:19	2.21	49	205						
07-Sep-2006	11:59:19	1.31	10	166	16-Oct-2006	23:59:19	2.46	49	205						
07-Sep-2006	23:59:19	1.18	10	166	17-Oct-2006	11:59:19	3.33	50	206						
08-Sep-2006	11:59:19	0.84	11	167	17-Oct-2006	23:59:19	4.35	50	206						
08-Sep-2006	23:59:19	0.47	11	167	18-Oct-2006	11:59:19	4.1	51	207						
09-Sep-2006	11:59:19	0.4	12	168	18-Oct-2006	23:59:19	4.49	51	207						
09-Sep-2006	23:59:19	0.52	12	168	19-Oct-2006	11:59:19	4.49	52	208						
10-Sep-2006	11:59:19	-0.02	13	169	19-Oct-2006	23:59:19	4.82	52	208						
10-Sep-2006	23:59:19	0.22	13	169	20-Oct-2006	11:59:19	4.28	53	209						
11-Sep-2006	11:59:19	0.02	14	170	20-Oct-2006	23:59:19	4.44	53	209						
11-Sep-2006	23:59:19	0.03	14	170	21-Oct-2006	11:59:19	4.05	54	210						
12-Sep-2006	11:59:19	0	15	171	21-Oct-2006	23:59:19	4.15	54	210						
12-Sep-2006	23:59:19	0.18	15	171	22-Oct-2006	11:59:19	4.18	55	211						
13-Sep-2006	11:59:19	0.93	16	172	22-Oct-2006	23:59:19	4.21	55	211						
13-Sep-2006	23:59:19	5.43	16	172	23-Oct-2006	11:59:19	3.69	56	212						
14-Sep-2006	11:59:19	23.65	17	173	23-Oct-2006	23:59:19	3.89	56	212						
14-Sep-2006	23:59:19	23.31	17	173	24-Oct-2006	11:59:19	3.51	57	213						
15-Sep-2006	11:59:19	23.35	18	174	24-Oct-2006	23:59:19	3.45	57	213						
15-Sep-2006	23:59:19	24.78	18	174	25-Oct-2006	11:59:19	3.47	58	214						
16-Sep-2006	11:59:19	22.87	19	175	25-Oct-2006	23:59:19	3.4	58	214						
16-Sep-2006	23:59:19	13.42	19	175	26-Oct-2006	11:59:19	3.42	59	215						
17-Sep-2006	11:59:19	8.66	20	176	26-Oct-2006	23:59:19	3.4	59	215						
17-Sep-2006	23:59:19	6.98	20	176	27-Oct-2006	11:59:19	3.63	60	216						
18-Sep-2006	11:59:19	5.67	21	177	27-Oct-2006	23:59:19	5.02	60	216						
18-Sep-2006	23:59:19	5.53	21	177	28-Oct-2006	11:59:19	4.56	61	217						
19-Sep-2006	11:59:19	4.65	22	178	28-Oct-2006	23:59:19	4.61	61	217						
19-Sep-2006	23:59:19	4.63	22	178	29-Oct-2006	11:59:19	4.46	62	218						
20-Sep-2006	11:59:19	4.3	23	179	29-Oct-2006	23:59:19	4.33	62	218						
20-Sep-2006	23:59:19	4.17	23	179	30-Oct-2006	11:59:19	4.21	63	219						
21-Sep-2006	11:59:19	3.45	24	180	30-Oct-2006	23:59:19	4.15	63	219						
21-Sep-2006	23:59:19	3.49	24	180	31-Oct-2006	11:59:19	4.11	64	220						
22-Sep-2006	11:59:19	3.07	25	181	31-Oct-2006	23:59:19	4.03	64	220						
22-Sep-2006	23:59:19	3.22	25	181	01-Nov-2006	11:59:19	4.03	65	221						
23-Sep-2006	11:59:19	2.85	26	182	01-Nov-2006	23:59:19	3.57	65	221						
23-Sep-2006	23:59:19	2.79	26	182	02-Nov-2006	11:59:19	3.71	66	222						

Haw River Gauge 5 Year 2 (2006) Data



Gauge: 5

Data Acquired: November 9, 2006

Serial Number: N3ECD4F3

CD: Consecutive Days Saturation (within 12 inches of the soil surface) During the Growing Season

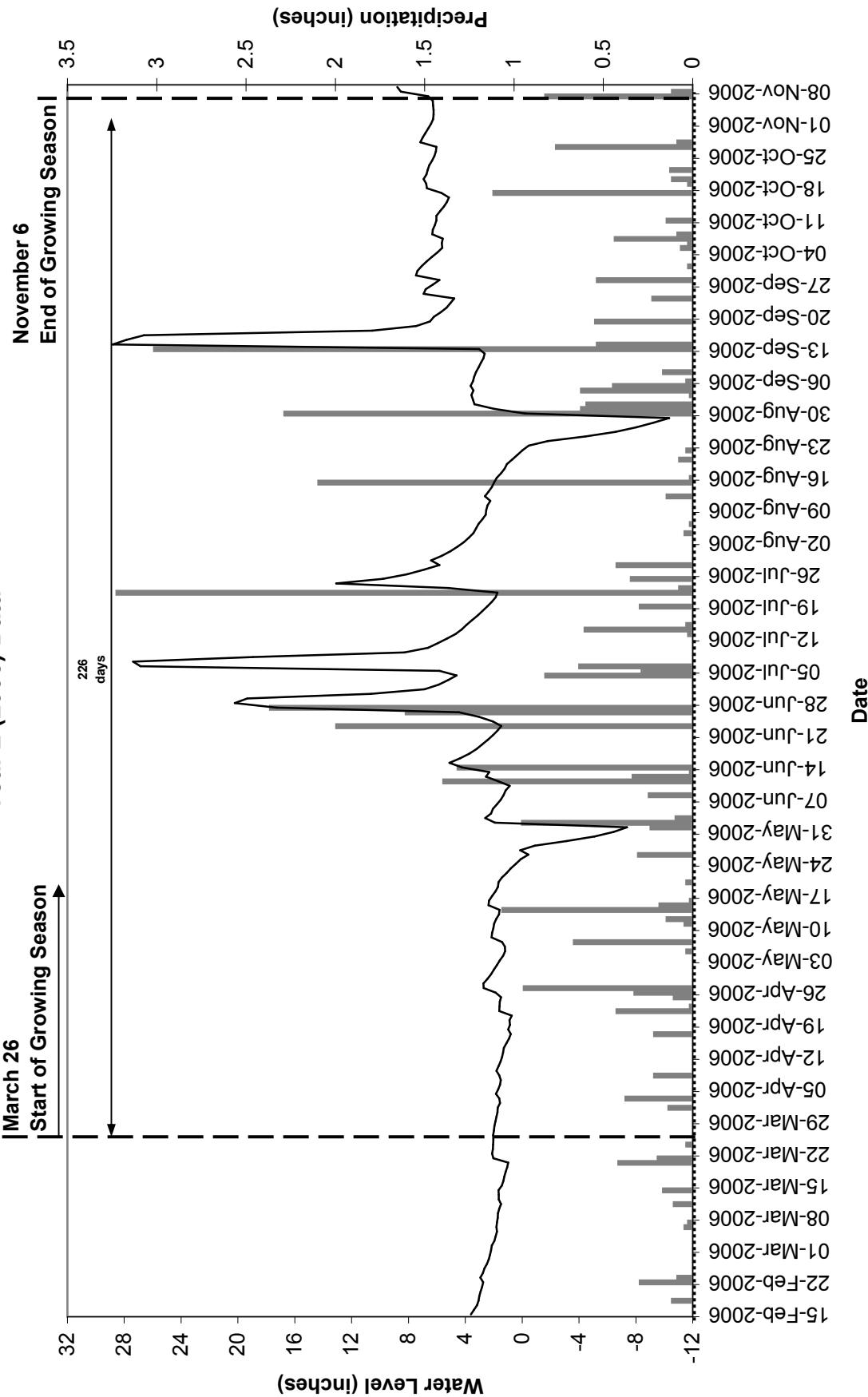
JD: Days During the Growing Season

Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD
01-Jan-2006	11:59:19	0.25			06-Feb-2006	11:59:19	0.56			14-Mar-2006	11:59:19	-0.27		
01-Jan-2006	23:59:19	0.45			06-Feb-2006	23:59:19	0.47			14-Mar-2006	23:59:19	-1.28		
02-Jan-2006	11:59:19	0.76			07-Feb-2006	11:59:19	0.47			15-Mar-2006	11:59:19	-1.85		
02-Jan-2006	23:59:19	1.71			07-Feb-2006	23:59:19	0.37			15-Mar-2006	23:59:19	-2.72		
03-Jan-2006	11:59:19	1.22			08-Feb-2006	11:59:19	0.48			16-Mar-2006	11:59:19	-2.97		
03-Jan-2006	23:59:19	0.87			08-Feb-2006	23:59:19	0.4			16-Mar-2006	23:59:19	-3.2		
04-Jan-2006	11:59:19	0.87			09-Feb-2006	11:59:19	0.4			17-Mar-2006	11:59:19	-3.61		
04-Jan-2006	23:59:19	0.87			09-Feb-2006	23:59:19	0.21			17-Mar-2006	23:59:19	-4.16		
05-Jan-2006	11:59:19	0.82			10-Feb-2006	11:59:19	0.45			18-Mar-2006	11:59:19	-4.58		
05-Jan-2006	23:59:19	0.71			10-Feb-2006	23:59:19	0.41			18-Mar-2006	23:59:19	-5.28		
06-Jan-2006	11:59:19	0.55			11-Feb-2006	11:59:19	1.49			19-Mar-2006	11:59:19	-5.54		
06-Jan-2006	23:59:19	0.33			11-Feb-2006	23:59:19	1.3			19-Mar-2006	23:59:19	-6.13		
07-Jan-2006	11:59:19	0.43			12-Feb-2006	11:59:19	1.16			20-Mar-2006	11:59:19	-6.24		
07-Jan-2006	23:59:19	0.56			12-Feb-2006	23:59:19	0.9			20-Mar-2006	23:59:19	0.32		
08-Jan-2006	11:59:19	0.5			13-Feb-2006	11:59:19	0.83			21-Mar-2006	11:59:19	1.01		
08-Jan-2006	23:59:19	0.49			13-Feb-2006	23:59:19	0.76			21-Mar-2006	23:59:19	0.53		
09-Jan-2006	11:59:19	0.36			14-Feb-2006	11:59:19	0.75			22-Mar-2006	11:59:19	0.4		
09-Jan-2006	23:59:19	0.2			14-Feb-2006	23:59:19	0.68			22-Mar-2006	23:59:19	0.25		
10-Jan-2006	11:59:19	0.17			15-Feb-2006	11:59:19	0.67			23-Mar-2006	11:59:19	0.17		
10-Jan-2006	23:59:19	0.11			15-Feb-2006	23:59:19	0.57			23-Mar-2006	23:59:19	0.16		
11-Jan-2006	11:59:19	0.39			16-Feb-2006	11:59:19	0.65			24-Mar-2006	11:59:19	0.11		
11-Jan-2006	23:59:19	0.75			16-Feb-2006	23:59:19	0.52			24-Mar-2006	23:59:19	0.1		
12-Jan-2006	11:59:19	0.63			17-Feb-2006	11:59:19	0.55			25-Mar-2006	11:59:19	0.09		
12-Jan-2006	23:59:19	0.51			17-Feb-2006	23:59:19	0.32			25-Mar-2006	23:59:19	0.18		
13-Jan-2006	11:59:19	0.63			18-Feb-2006	11:59:19	0.61			26-Mar-2006	11:59:19	0.07	1	1
13-Jan-2006	23:59:19	1.42			18-Feb-2006	23:59:19	0.65			26-Mar-2006	23:59:19	-0.09	1	1
14-Jan-2006	11:59:19	0.96			19-Feb-2006	11:59:19	0.59			27-Mar-2006	11:59:19	-0.19	2	2
14-Jan-2006	23:59:19	0.47			19-Feb-2006	23:59:19	0.47			27-Mar-2006	23:59:19	-0.34	2	2
15-Jan-2006	11:59:19	0.37			20-Feb-2006	11:59:19	0.67			28-Mar-2006	11:59:19	-0.31	3	3
15-Jan-2006	23:59:19	0.26			20-Feb-2006	23:59:19	0.55			28-Mar-2006	23:59:19	-0.54	3	3
16-Jan-2006	11:59:19	0.26			21-Feb-2006	11:59:19	0.48			29-Mar-2006	11:59:19	-0.74	4	4
16-Jan-2006	23:59:19	0.1			21-Feb-2006	23:59:19	0.37			29-Mar-2006	23:59:19	-1.14	4	4
17-Jan-2006	11:59:19	0.24			22-Feb-2006	11:59:19	0.52			30-Mar-2006	11:59:19	-1.03	5	5
17-Jan-2006	23:59:19	0.64			22-Feb-2006	23:59:19	0.93			30-Mar-2006	23:59:19	-1.37	5	5
18-Jan-2006	11:59:19	0.55			23-Feb-2006	11:59:19	0.82			31-Mar-2006	11:59:19	-1.62	6	6
18-Jan-2006	23:59:19	0.31			23-Feb-2006	23:59:19	0.59			31-Mar-2006	23:59:19	-1.58	6	6
19-Jan-2006	11:59:19	0.39			24-Feb-2006	11:59:19	0.45			01-Apr-2006	11:59:19	-1.24	7	7
19-Jan-2006	23:59:19	0.34			24-Feb-2006	23:59:19	0.36			01-Apr-2006	23:59:19	-2.48	7	7
20-Jan-2006	11:59:19	0.28			25-Feb-2006	11:59:19	0.37			02-Apr-2006	11:59:19	-2.92	8	8
20-Jan-2006	23:59:19	0.19			25-Feb-2006	23:59:19	0.35			02-Apr-2006	23:59:19	-3.58	8	8
21-Jan-2006	11:59:19	0.81			26-Feb-2006	11:59:19	0.12			03-Apr-2006	11:59:19	-0.71	9	9
21-Jan-2006	23:59:19	0.37			26-Feb-2006	23:59:19	-0.01			03-Apr-2006	23:59:19	1.28	9	9
22-Jan-2006	11:59:19	0.41			27-Feb-2006	11:59:19	0.2			04-Apr-2006	11:59:19	1.04	10	10
22-Jan-2006	23:59:19	0.43			27-Feb-2006	23:59:19	0.14			04-Apr-2006	23:59:19	0.81	10	10
23-Jan-2006	11:59:19	0.8			28-Feb-2006	11:59:19	0.05			05-Apr-2006	11:59:19	0.48	11	11
23-Jan-2006	23:59:19	0.6			28-Feb-2006	23:59:19	0.12			05-Apr-2006	23:59:19	-0.28	11	11
24-Jan-2006	11:59:19	0.58			01-Mar-2006	11:59:19	0.03			06-Apr-2006	11:59:19	-0.89	12	12
24-Jan-2006	23:59:19	0.45			01-Mar-2006	23:59:19	0.09			06-Apr-2006	23:59:19	-1.36	12	12
25-Jan-2006	11:59:19	0.19			02-Mar-2006	11:59:19	0.12			07-Apr-2006	11:59:19	-1.87	13	13
25-Jan-2006	23:59:19	-0.03			02-Mar-2006	23:59:19	-0.24			07-Apr-2006	23:59:19	-3.27	13	13
26-Jan-2006	11:59:19	-0.16			03-Mar-2006	11:59:19	-0.2			08-Apr-2006	11:59:19	0.28	14	14
26-Jan-2006	23:59:19	-0.23			03-Mar-2006	23:59:19	-0.56			08-Apr-2006	23:59:19	0.99	14	14
27-Jan-2006	11:59:19	-0.11			04-Mar-2006	11:59:19	-0.58			09-Apr-2006	11:59:19	0.82	15	15
27-Jan-2006	23:59:19	-0.13			04-Mar-2006	23:59:19	-0.87			09-Apr-2006	23:59:19	0.29	15	15
28-Jan-2006	11:59:19	0.03			05-Mar-2006	11:59:19	-0.78			10-Apr-2006	11:59:19	-0.26	16	16
28-Jan-2006	23:59:19	0.13			05-Mar-2006	23:59:19	-0.76			10-Apr-2006	23:59:19	-1.4	16	16
29-Jan-2006	11:59:19	0.53			06-Mar-2006	11:59:19	-0.38			11-Apr-2006	11:59:19	-2.27	17	17
29-Jan-2006	23:59:19	0.43			06-Mar-2006	23:59:19	-0.52			11-Apr-2006	23:59:19	-3.79	17	17
30-Jan-2006	11:59:19	0.47			07-Mar-2006	11:59:19	-0.74			12-Apr-2006	11:59:19	-4.26	18	18
30-Jan-2006	23:59:19	0.49			07-Mar-2006	23:59:19	-1.18			12-Apr-2006	23:59:19	-5.25	18	18
31-Jan-2006	11:59:19	0.15			08-Mar-2006	11:59:19	-1.07			13-Apr-2006	11:59:19	-5.54	19	19
31-Jan-2006	23:59:19	-0.1			08-Mar-2006	23:59:19	-1.04			13-Apr-2006	23:59:19	-6.71	19	19
01-Feb-2006	11:59:19	-0.11			09-Mar-2006	11:59:19	-1.4			14-Apr-2006	11:59:19	-6.6	20	20
01-Feb-2006	23:59:19	-0.2			09-Mar-2006	23:59:19	-1.41			14-Apr-2006	23:59:19	-8.17	20	20
02-Feb-2006	11:59:19	-0.07			10-Mar-2006	11:59:19	-1.8			15-Apr-2006	11:59:19	-8.57	21	21
02-Feb-2006	23:59:19	1.11			10-Mar-2006	23:59:19	-2.26			15-Apr-2006	23:59:19	-10.46	21	21
03-Feb-2006	11:59:19	0.47			11-Mar-2006	11:59:19	-2.43			16-Apr-2006	11:59:19	-10.97	22	22
03-Feb-2006	23:59:19	0.36			11-Mar-2006	23:59:19	-0.88			16-Apr-2006	23:59:19	-12.27	22	22
04-Feb-2006	11:59:19	0.74			12-Mar-2006	11:59:19	-0.72			17-Apr-2006	11:59:19	-12.82	23	23
04-Feb-2006	23:59:19	0.37			12-Mar-2006	23:59:19	-1.07			17-Apr-2006	23:59:19	-6.01	23	23
05-Feb-2006	11:59:19	0.14			13-Mar-2006	11:59:19	-0.88			18-Apr-2006	11:59:19	-7.43	24	24
05-Feb-2006	23:59:19	0.57			13-Mar-2006	23:59:19	-1.33			18-Apr-2006	23:59:19	-10.35	24	24

Page 2 Gauge 5				(continued)				(continued)				(continued)				
Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD	
19-Apr-2006	11:59:19	-10.93	25	25	28-May-2006	23:59:19	-19.32	64	07-Jul-2006	11:59:19	15.83	14	104			
19-Apr-2006	23:59:19	-10.37	25	25	29-May-2006	11:59:19	-19.6	65	07-Jul-2006	23:59:19	13.83	14	104			
20-Apr-2006	11:59:19	-11.04	26	26	29-May-2006	23:59:19	-19.65	65	08-Jul-2006	11:59:19	8.34	15	105			
20-Apr-2006	23:59:19	-13.06	26	26	30-May-2006	11:59:19	-19.73	66	08-Jul-2006	23:59:19	1.67	15	105			
21-Apr-2006	11:59:19	-13.48	27	27	30-May-2006	23:59:19	-19.97	66	09-Jul-2006	11:59:19	1.52	16	106			
21-Apr-2006	23:59:19	-13.18	27	27	31-May-2006	11:59:19	-20.06	67	09-Jul-2006	23:59:19	1.24	16	106			
22-Apr-2006	11:59:19	1.7	1	28	31-May-2006	23:59:19	-20.17	67	10-Jul-2006	11:59:19	0.23	17	107			
22-Apr-2006	23:59:19	1.34	1	28	01-Jun-2006	11:59:19	-19.63	68	10-Jul-2006	23:59:19	-0.15	17	107			
23-Apr-2006	11:59:19	0.79	2	29	01-Jun-2006	23:59:19	1.31	1	11-Jul-2006	11:59:19	-1.25	18	108			
23-Apr-2006	23:59:19	0.54	2	29	02-Jun-2006	11:59:19	1.02	2	11-Jul-2006	23:59:19	-2.45	18	108			
24-Apr-2006	11:59:19	-0.04	3	30	02-Jun-2006	23:59:19	1.68	2	12-Jul-2006	11:59:19	-3.22	19	109			
24-Apr-2006	23:59:19	-1.05	3	30	03-Jun-2006	11:59:19	1.28	3	12-Jul-2006	23:59:19	-5.64	19	109			
25-Apr-2006	11:59:19	-2.33	4	31	03-Jun-2006	23:59:19	0.73	3	13-Jul-2006	11:59:19	-6.33	20	110			
25-Apr-2006	23:59:19	1.34	4	31	04-Jun-2006	11:59:19	-0.36	4	13-Jul-2006	23:59:19	-7.5	20	110			
26-Apr-2006	11:59:19	1.24	5	32	04-Jun-2006	23:59:19	0.77	4	14-Jul-2006	11:59:19	-8.32	21	111			
26-Apr-2006	23:59:19	1.49	5	32	05-Jun-2006	11:59:19	-0.27	5	14-Jul-2006	23:59:19	-8.31	21	111			
27-Apr-2006	11:59:19	2.12	6	33	05-Jun-2006	23:59:19	-1.75	5	15-Jul-2006	11:59:19	-9.3	22	112			
27-Apr-2006	23:59:19	1.56	6	33	06-Jun-2006	11:59:19	-3.3	6	15-Jul-2006	23:59:19	-9.28	22	112			
28-Apr-2006	11:59:19	1.24	7	34	06-Jun-2006	23:59:19	-6.13	6	16-Jul-2006	11:59:19	-10.41	23	113			
28-Apr-2006	23:59:19	0.89	7	34	07-Jun-2006	11:59:19	-7.3	7	16-Jul-2006	23:59:19	-10.08	23	113			
29-Apr-2006	11:59:19	0.37	8	35	07-Jun-2006	23:59:19	-10.55	7	17-Jul-2006	11:59:19	-10.37	24	114			
29-Apr-2006	23:59:19	-0.69	8	35	08-Jun-2006	11:59:19	-11.31	8	17-Jul-2006	23:59:19	-9.92	24	114			
30-Apr-2006	11:59:19	-1.33	9	36	08-Jun-2006	23:59:19	-11.85	8	18-Jul-2006	11:59:19	-9.98	25	115			
30-Apr-2006	23:59:19	-2.66	9	36	09-Jun-2006	11:59:19	-12.31	76	18-Jul-2006	23:59:19	-9.97	25	115			
01-May-2006	11:59:19	-3.7	10	37	09-Jun-2006	23:59:19	-14.3	76	19-Jul-2006	11:59:19	-10.49	26	116			
01-May-2006	23:59:19	-5.96	10	37	10-Jun-2006	11:59:19	-14.74	77	19-Jul-2006	23:59:19	-11.07	26	116			
02-May-2006	11:59:19	-6.38	11	38	10-Jun-2006	23:59:19	-15.38	77	20-Jul-2006	11:59:19	-10.8	27	117			
02-May-2006	23:59:19	-8.66	11	38	11-Jun-2006	11:59:19	0.04	1	20-Jul-2006	23:59:19	-9.91	27	117			
03-May-2006	11:59:19	-9.42	12	39	11-Jun-2006	23:59:19	0.63	1	21-Jul-2006	11:59:19	-9.07	28	118			
03-May-2006	23:59:19	-11.93	12	39	12-Jun-2006	11:59:19	1.4	2	21-Jul-2006	23:59:19	-7.81	28	118			
04-May-2006	11:59:19	-12.53	40	40	12-Jun-2006	23:59:19	1.09	2	22-Jul-2006	11:59:19	-7.29	29	119			
04-May-2006	23:59:19	-14.72	40	40	13-Jun-2006	11:59:19	0.56	3	22-Jul-2006	23:59:19	1.08	29	119			
05-May-2006	11:59:19	-15.08	41	41	13-Jun-2006	23:59:19	-0.69	3	23-Jul-2006	11:59:19	1	30	120			
05-May-2006	23:59:19	-11.57	1	41	14-Jun-2006	11:59:19	2.24	4	23-Jul-2006	23:59:19	0.18	30	120			
06-May-2006	11:59:19	-11.95	2	42	14-Jun-2006	23:59:19	1.4	4	24-Jul-2006	11:59:19	0.92	31	121			
06-May-2006	23:59:19	-15.51	42	42	15-Jun-2006	11:59:19	1.04	5	24-Jul-2006	23:59:19	1.97	31	121			
07-May-2006	11:59:19	-13.15	43	43	15-Jun-2006	23:59:19	0.66	5	25-Jul-2006	11:59:19	0.44	32	122			
07-May-2006	23:59:19	1.53	1	43	16-Jun-2006	11:59:19	-0.33	6	25-Jul-2006	23:59:19	1.29	32	122			
08-May-2006	11:59:19	1.18	2	44	16-Jun-2006	23:59:19	-2.09	6	26-Jul-2006	11:59:19	0.68	33	123			
08-May-2006	23:59:19	0.98	2	44	17-Jun-2006	11:59:19	-3.29	7	26-Jul-2006	23:59:19	-0.08	33	123			
09-May-2006	11:59:19	0.71	3	45	17-Jun-2006	23:59:19	-6.29	7	27-Jul-2006	11:59:19	-1.51	34	124			
09-May-2006	23:59:19	0.19	3	45	18-Jun-2006	11:59:19	-7.17	8	27-Jul-2006	23:59:19	-3.02	34	124			
10-May-2006	11:59:19	-0.41	4	46	18-Jun-2006	23:59:19	-10.29	8	28-Jul-2006	11:59:19	-4.75	35	125			
10-May-2006	23:59:19	-0.89	4	46	19-Jun-2006	11:59:19	-11.12	9	28-Jul-2006	23:59:19	-1.23	35	125			
11-May-2006	11:59:19	-1.21	5	47	19-Jun-2006	23:59:19	-13.36	86	29-Jul-2006	11:59:19	1.24	36	126			
11-May-2006	23:59:19	-1.54	5	47	20-Jun-2006	11:59:19	-13.98	87	29-Jul-2006	23:59:19	1.15	36	126			
12-May-2006	11:59:19	-2.78	6	48	20-Jun-2006	23:59:19	-15.17	87	30-Jul-2006	11:59:19	0.04	37	127			
12-May-2006	23:59:19	-4.71	6	48	21-Jun-2006	11:59:19	-15.79	88	30-Jul-2006	23:59:19	-1.13	37	127			
13-May-2006	11:59:19	-5.57	7	49	21-Jun-2006	23:59:19	-16.1	88	31-Jul-2006	11:59:19	-2.84	38	128			
13-May-2006	23:59:19	-8.44	7	49	22-Jun-2006	11:59:19	-16.42	89	31-Jul-2006	23:59:19	-3.55	38	128			
14-May-2006	11:59:19	-6.44	8	50	22-Jun-2006	23:59:19	-15.97	89	01-Aug-2006	11:59:19	-5.69	39	129			
14-May-2006	23:59:19	1.62	8	50	23-Jun-2006	11:59:19	-15.88	90	01-Aug-2006	23:59:19	-4.91	39	129			
15-May-2006	11:59:19	1.28	9	51	23-Jun-2006	23:59:19	-13.04	90	02-Aug-2006	11:59:19	-7.54	40	130			
15-May-2006	23:59:19	1.19	9	51	24-Jun-2006	11:59:19	-10.14	1	91	02-Aug-2006	23:59:19	-4.53	40	130		
16-May-2006	11:59:19	0.93	10	52	24-Jun-2006	23:59:19	-11.61	1	91	03-Aug-2006	11:59:19	-4.99	41	131		
16-May-2006	23:59:19	0.4	10	52	25-Jun-2006	11:59:19	0.77	2	92	03-Aug-2006	23:59:19	-4.32	41	131		
17-May-2006	11:59:19	-0.61	11	53	25-Jun-2006	23:59:19	1.62	2	92	04-Aug-2006	11:59:19	-4.48	42	132		
17-May-2006	23:59:19	-1.77	11	53	26-Jun-2006	11:59:19	1.29	3	93	04-Aug-2006	23:59:19	-4.74	42	132		
18-May-2006	11:59:19	-1.38	12	54	26-Jun-2006	23:59:19	5.31	3	93	05-Aug-2006	11:59:19	-5.49	43	133		
18-May-2006	23:59:19	-3.69	12	54	27-Jun-2006	11:59:19	5.43	4	94	05-Aug-2006	23:59:19	-5.52	43	133		
19-May-2006	11:59:19	-5.04	13	55	27-Jun-2006	23:59:19	9.51	4	94	06-Aug-2006	11:59:19	-6.39	44	134		
19-May-2006	23:59:19	-8.09	13	55	28-Jun-2006	11:59:19	8.63	5	95	06-Aug-2006	23:59:19	-6.13	44	134		
20-May-2006	11:59:19	-4.27	14	56	28-Jun-2006	23:59:19	7.24	5	95	07-Aug-2006	11:59:19	-6.13	45	135		
20-May-2006	23:59:19	-8	14	56	29-Jun-2006	11:59:19	7.49	6	96	07-Aug-2006	23:59:19	-5.06	45	135		
21-May-2006	11:59:19	-8.97	15	57	29-Jun-2006	23:59:19	7.15	6	96	08-Aug-2006	11:59:19	-5.16	46	136		
21-May-2006	23:59:19	-12.59	57	57	30-Jun-2006	11:59:19	1.94	7	97	08-Aug-2006	23:59:19	-4.66	46	136		
22-May-2006	11:59:19	-13.33	58	58	30-Jun-2006	23:59:19	0.96	7	97	09-Aug-2006	11:59:19	-5.1	47	137		
22-May-2006	23:59:19	-15.67	58	58	01-Jul-2006	11:59:19	0.85	8	98	09-Aug-2006	23:59:19	-4.06	47	137		
23-May-2006	11:59:19	-16.19	59	59	01-Jul-2006	23:59:19	-0.57	8	98	10-Aug-2006	11:59:19	-2.62	48	138		
23-May-2006	23:59:19	-17.6	59	59	02-Jul-2006	11:59:19	-1.8	9	99	10-Aug-200						

Page 3 Gauge 5				(continued)				(continued)				(continued)			
Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD
15-Aug-2006	23:59:19	-5.27	53	143	24-Sep-2006	11:59:19	-9.04	12	183	02-Nov-2006	23:59:19	0.67	51	222	
16-Aug-2006	11:59:19	-6.62	54	144	24-Sep-2006	23:59:19	1.44	12	183	03-Nov-2006	11:59:19	1.13	52	223	
16-Aug-2006	23:59:19	-6.72	54	144	25-Sep-2006	11:59:19	1.55	13	184	03-Nov-2006	23:59:19	0.46	52	223	
17-Aug-2006	11:59:19	-7.03	55	145	25-Sep-2006	23:59:19	1.27	13	184	04-Nov-2006	11:59:19	0.88	53	224	
17-Aug-2006	23:59:19	-7.35	55	145	26-Sep-2006	11:59:19	1.21	14	185	04-Nov-2006	23:59:19	0.47	53	224	
18-Aug-2006	11:59:19	-7.05	56	146	26-Sep-2006	23:59:19	0.78	14	185	05-Nov-2006	11:59:19	1.16	54	225	
18-Aug-2006	23:59:19	-6.5	56	146	27-Sep-2006	11:59:19	0.92	15	186	05-Nov-2006	23:59:19	0.49	54	225	
19-Aug-2006	11:59:19	-6.26	57	147	27-Sep-2006	23:59:19	0.35	15	186	06-Nov-2006	11:59:19	0.98	55	226	
19-Aug-2006	23:59:19	-5.14	57	147	28-Sep-2006	11:59:19	0.53	16	187	06-Nov-2006	23:59:19	0.73	55	226	
20-Aug-2006	11:59:19	-5.29	58	148	28-Sep-2006	23:59:19	1.8	16	187	07-Nov-2006	11:59:19	2.38			
20-Aug-2006	23:59:19	-5.66	58	148	29-Sep-2006	11:59:19	1.47	17	188	07-Nov-2006	23:59:19	3.22			
21-Aug-2006	11:59:19	-6.67	59	149	29-Sep-2006	23:59:19	1.22	17	188	08-Nov-2006	11:59:19	2.64			
21-Aug-2006	23:59:19	-6.46	59	149	30-Sep-2006	11:59:19	1.53	18	189	08-Nov-2006	23:59:19	1.94			
22-Aug-2006	11:59:19	-6.23	60	150	30-Sep-2006	23:59:19	1.44	18	189	09-Nov-2006	11:59:19	2			
22-Aug-2006	23:59:19	-5.73	60	150	01-Oct-2006	11:59:19	1.1	19	190						
23-Aug-2006	11:59:19	-5.58	61	151	01-Oct-2006	23:59:19	0.56	19	190						
23-Aug-2006	23:59:19	-5.29	61	151	02-Oct-2006	11:59:19	0.63	20	191						
24-Aug-2006	11:59:19	-5.49	62	152	02-Oct-2006	23:59:19	0.24	20	191						
24-Aug-2006	23:59:19	-6.19	62	152	03-Oct-2006	11:59:19	0.02	21	192						
25-Aug-2006	11:59:19	-7.01	63	153	03-Oct-2006	23:59:19	-0.77	21	192						
25-Aug-2006	23:59:19	-8.29	63	153	04-Oct-2006	11:59:19	-1.08	22	193						
26-Aug-2006	11:59:19	-9.69	64	154	04-Oct-2006	23:59:19	-2.05	22	193						
26-Aug-2006	23:59:19	-10.89	64	154	05-Oct-2006	11:59:19	-2.36	23	194						
27-Aug-2006	11:59:19	-11.66	65	155	05-Oct-2006	23:59:19	-2.1	23	194						
27-Aug-2006	23:59:19	-11.76	65	155	06-Oct-2006	11:59:19	0.38	24	195						
28-Aug-2006	11:59:19	-11.8	66	156	06-Oct-2006	23:59:19	0.89	24	195						
28-Aug-2006	23:59:19	-12.02	156		07-Oct-2006	11:59:19	0.77	25	196						
29-Aug-2006	11:59:19	-12.1		157	07-Oct-2006	23:59:19	1.28	25	196						
29-Aug-2006	23:59:19	-11.95	1	157	08-Oct-2006	11:59:19	1.65	26	197						
30-Aug-2006	11:59:19	-13.34	158		08-Oct-2006	23:59:19	1.68	26	197						
30-Aug-2006	23:59:19	-14.02	158		09-Oct-2006	11:59:19	1.58	27	198						
31-Aug-2006	11:59:19	-13.98	159		09-Oct-2006	23:59:19	1.41	27	198						
31-Aug-2006	23:59:19	-11.77	1	159	10-Oct-2006	11:59:19	1.43	28	199						
01-Sep-2006	11:59:19	0.35	2	160	10-Oct-2006	23:59:19	1.23	28	199						
01-Sep-2006	23:59:19	-0.86	2	160	11-Oct-2006	11:59:19	1.32	29	200						
02-Sep-2006	11:59:19	-2.47	3	161	11-Oct-2006	23:59:19	1.56	29	200						
02-Sep-2006	23:59:19	-5.84	3	161	12-Oct-2006	11:59:19	1.33	30	201						
03-Sep-2006	11:59:19	-7.51	4	162	12-Oct-2006	23:59:19	0.85	30	201						
03-Sep-2006	23:59:19	-11.88	4	162	13-Oct-2006	11:59:19	1.01	31	202						
04-Sep-2006	11:59:19	-13.37	163		13-Oct-2006	23:59:19	0.13	31	202						
04-Sep-2006	23:59:19	-14.71	163		14-Oct-2006	11:59:19	0.22	32	203						
05-Sep-2006	11:59:19	-9.46	1	164	14-Oct-2006	23:59:19	-1.02	32	203						
05-Sep-2006	23:59:19	-12.29	164		15-Oct-2006	11:59:19	-1.04	33	204						
06-Sep-2006	11:59:19	-13.52	165		15-Oct-2006	23:59:19	-1.9	33	204						
06-Sep-2006	23:59:19	-15.74	165		16-Oct-2006	11:59:19	-1.77	34	205						
07-Sep-2006	11:59:19	-16.55	166		16-Oct-2006	23:59:19	-2.05	34	205						
07-Sep-2006	23:59:19	-16.91	166		17-Oct-2006	11:59:19	2.39	35	206						
08-Sep-2006	11:59:19	-17.45	167		17-Oct-2006	23:59:19	2.15	35	206						
08-Sep-2006	23:59:19	-17.84	167		18-Oct-2006	11:59:19	1.88	36	207						
09-Sep-2006	11:59:19	-18.05	168		18-Oct-2006	23:59:19	1.75	36	207						
09-Sep-2006	23:59:19	-18.57	168		19-Oct-2006	11:59:19	2.03	37	208						
10-Sep-2006	11:59:19	-18.76	169		19-Oct-2006	23:59:19	2.67	37	208						
10-Sep-2006	23:59:19	-19.44	169		20-Oct-2006	11:59:19	1.28	38	209						
11-Sep-2006	11:59:19	-20.28	170		20-Oct-2006	23:59:19	1.41	38	209						
11-Sep-2006	23:59:19	-20.45	170		21-Oct-2006	11:59:19	1.53	39	210						
12-Sep-2006	11:59:19	-20.25	171		21-Oct-2006	23:59:19	1.37	39	210						
12-Sep-2006	23:59:19	-19.1	171		22-Oct-2006	11:59:19	1.89	40	211						
13-Sep-2006	11:59:19	-18.32	172		22-Oct-2006	23:59:19	1.37	40	211						
13-Sep-2006	23:59:19	2.38	1	172	23-Oct-2006	11:59:19	1.58	41	212						
14-Sep-2006	11:59:19	16.75	2	173	23-Oct-2006	23:59:19	1.11	41	212						
14-Sep-2006	23:59:19	15.99	2	173	24-Oct-2006	11:59:19	1.06	42	213						
15-Sep-2006	11:59:19	16.07	3	174	24-Oct-2006	23:59:19	0.49	42	213						
15-Sep-2006	23:59:19	17.91	3	174	25-Oct-2006	11:59:19	0.97	43	214						
16-Sep-2006	11:59:19	15.67	4	175	25-Oct-2006	23:59:19	0.38	43	214						
16-Sep-2006	23:59:19	4.48	4	175	26-Oct-2006	11:59:19	0.83	44	215						
17-Sep-2006	11:59:19	1.58	5	176	26-Oct-2006	23:59:19	0.68	44	215						
17-Sep-2006	23:59:19	1.03	5	176	27-Oct-2006	11:59:19	1.53	45	216						
18-Sep-2006	11:59:19	0.86	6	177	27-Oct-2006	23:59:19	3.69	45	216						
18-Sep-2006	23:59:19	0.47	6	177	28-Oct-2006	11:59:19	1.63	46	217						
19-Sep-2006	11:59:19	0.25	7	178	28-Oct-2006	23:59:19	1.31	46	217						
19-Sep-2006	23:59:19	-0.09	7	178	29-Oct-2006	11:59:19	1.88	47	218						
20-Sep-2006	11:59:19	-0.47	8	179	29-Oct-2006	23:59:19	1.22	47	218						
20-Sep-2006	23:59:19	-1.87	8	179	30-Oct-2006	11:59:19	1.75	48	219						
21-Sep-2006	11:59:19	-2.3	9	180	30-Oct-2006	23:59:19	1.37	48	219						
21-Sep-2006	23:59:19	-4.11	9	180	31-Oct-2006	11:59:19	1.86	49	220						
22-Sep-2006	11:59:19	-4.58	10	181	31-Oct-2006	23:59:19	1.45	49	220						
22-Sep-2006	23:59:19	-5.61	10	181	01-Nov-2006	11:59:19	1.79	50	221						
23-Sep-2006	11:59:19	-6.08	11	182	01-Nov-2006	23:59:19	1.58	50	221						
23-Sep-2006	23:59:19	-8.69	11	182	02-Nov-2006	11:59:19	1.19	51	222						

Haw River Gauge 6 Year 2 (2006) Data



Gauge: 6

Data Acquired: November 9, 2006

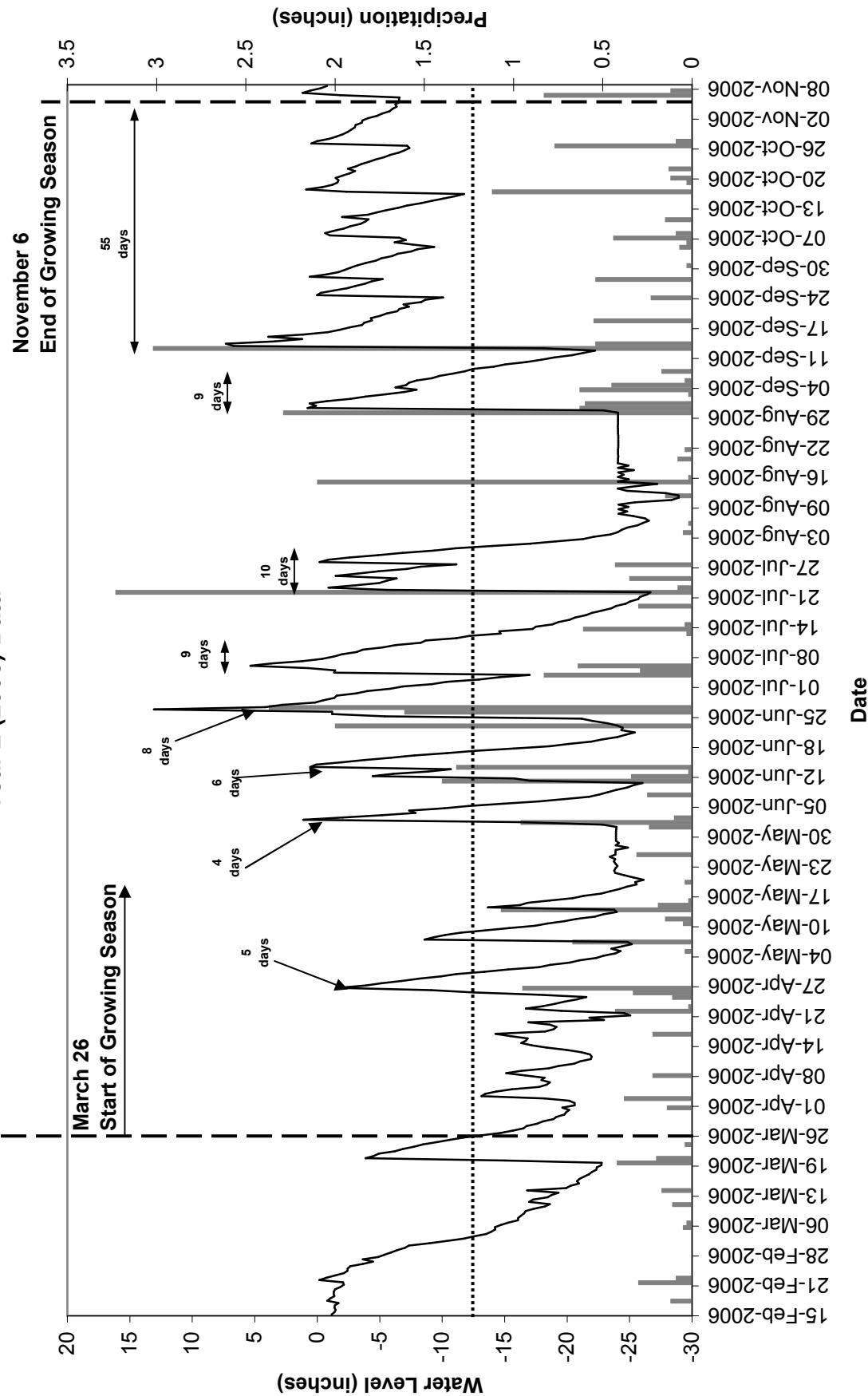
Serial Number: N4241601

CD: Consecutive Days Saturation (within 12 inches of the soil surface) During the Growing Season

JD: Days During the Growing Season

Date	Time	Water Level (inches)	CD	JD	(continued)				Water Level (inches)	CD	JD	(continued)				
					Date	Time	CD	JD				Date	Time	CD	JD	
01-Jan-2006	00:01:27	3.57			06-Feb-2006	00:01:27	3.42					17-Apr-2006	12:00:00	0.8	23	23
01-Jan-2006	12:01:27	3.45			06-Feb-2006	12:01:27	3.33					18-Apr-2006	12:00:00	0.99	24	24
02-Jan-2006	00:01:27	3.34			07-Feb-2006	00:01:27	3.22					19-Apr-2006	12:00:00	0.86	25	25
02-Jan-2006	12:01:27	3.37			07-Feb-2006	12:01:27	3.12					20-Apr-2006	12:00:00	0.89	26	26
03-Jan-2006	00:01:27	5.23			08-Feb-2006	12:00:00	3.16					21-Apr-2006	12:00:00	0.73	27	27
03-Jan-2006	12:01:27	9.25			09-Feb-2006	12:00:00	3					22-Apr-2006	12:00:00	1.61	28	28
04-Jan-2006	00:01:27	9.17			10-Feb-2006	12:00:00	2.85					23-Apr-2006	12:00:00	1.59	29	29
04-Jan-2006	12:01:27	7.3			11-Feb-2006	12:00:00	3.17					24-Apr-2006	12:00:00	1.57	30	30
05-Jan-2006	00:01:27	5.94			12-Feb-2006	12:00:00	4.07					25-Apr-2006	12:00:00	1.48	31	31
05-Jan-2006	12:01:27	5.3			13-Feb-2006	12:00:00	4.08					26-Apr-2006	12:00:00	1.86	32	32
06-Jan-2006	00:01:27	4.91			14-Feb-2006	12:00:00	3.84					27-Apr-2006	12:00:00	2.7	33	33
06-Jan-2006	12:01:27	4.63			15-Feb-2006	12:00:00	3.6					28-Apr-2006	12:00:00	2.72	34	34
07-Jan-2006	00:01:27	4.39			16-Feb-2006	12:00:00	3.4					29-Apr-2006	12:00:00	2.43	35	35
07-Jan-2006	12:01:27	4.18			17-Feb-2006	12:00:00	3.17					30-Apr-2006	12:00:00	2.19	36	36
08-Jan-2006	00:01:27	4.02			18-Feb-2006	12:00:00	3.07					01-May-2006	12:00:00	1.99	37	37
08-Jan-2006	12:01:27	3.87			19-Feb-2006	12:00:00	3.01					02-May-2006	12:00:00	1.78	38	38
09-Jan-2006	00:01:27	3.77			20-Feb-2006	12:00:00	2.93					03-May-2006	12:00:00	1.58	39	39
09-Jan-2006	12:01:27	3.6			21-Feb-2006	12:00:00	2.82					04-May-2006	12:00:00	1.34	40	40
10-Jan-2006	00:01:27	3.52			22-Feb-2006	12:00:00	2.74					05-May-2006	12:00:00	1.2	41	41
10-Jan-2006	12:01:27	3.42			23-Feb-2006	12:00:00	2.95					06-May-2006	12:00:00	1.21	42	42
11-Jan-2006	00:01:27	3.36			24-Feb-2006	12:00:00	2.77					07-May-2006	12:00:00	1.41	43	43
11-Jan-2006	12:01:27	3.35			25-Feb-2006	12:00:00	2.65					08-May-2006	12:00:00	2.16	44	44
12-Jan-2006	00:01:27	4.06			26-Feb-2006	12:00:00	2.47					09-May-2006	12:00:00	2.11	45	45
12-Jan-2006	12:01:27	4.14			27-Feb-2006	12:00:00	2.35					10-May-2006	12:00:00	2.02	46	46
13-Jan-2006	00:01:27	4.18			28-Feb-2006	12:00:00	2.26					11-May-2006	12:00:00	1.98	47	47
13-Jan-2006	12:01:27	4.17			01-Mar-2006	12:00:00	2.18					12-May-2006	12:00:00	1.83	48	48
14-Jan-2006	00:01:27	4.55			02-Mar-2006	12:00:00	2.14					13-May-2006	12:00:00	1.63	49	49
14-Jan-2006	12:01:27	4.63			03-Mar-2006	12:00:00	1.96					14-May-2006	12:00:00	1.6	50	50
15-Jan-2006	00:01:27	4.47			04-Mar-2006	12:00:00	1.86					15-May-2006	12:00:00	2.37	51	51
15-Jan-2006	12:01:27	4.32			05-Mar-2006	12:00:00	1.78					16-May-2006	12:00:00	2.34	52	52
16-Jan-2006	00:01:27	4.22			06-Mar-2006	12:00:00	1.81					17-May-2006	12:00:00	2.12	53	53
16-Jan-2006	12:01:27	4.11			07-Mar-2006	12:00:00	1.77					18-May-2006	12:00:00	1.89	54	54
17-Jan-2006	00:01:27	3.98			08-Mar-2006	12:00:00	1.72					19-May-2006	12:00:00	1.7	55	55
17-Jan-2006	12:01:27	3.9			09-Mar-2006	12:00:00	1.7					20-May-2006	12:00:00	1.66	56	56
18-Jan-2006	00:01:27	3.96			10-Mar-2006	12:00:00	1.61					21-May-2006	12:00:00	1.43	57	57
18-Jan-2006	12:01:27	4.31			11-Mar-2006	12:00:00	1.49					22-May-2006	12:00:00	1.09	58	58
19-Jan-2006	00:01:27	4.21			12-Mar-2006	12:00:00	1.65					23-May-2006	12:00:00	0.8	59	59
19-Jan-2006	12:01:27	4.13			13-Mar-2006	12:00:00	1.64					24-May-2006	12:00:00	0.44	60	60
20-Jan-2006	00:01:27	4.05			14-Mar-2006	12:00:00	1.67					25-May-2006	12:00:00	0.1	61	61
20-Jan-2006	12:01:27	3.94			15-Mar-2006	12:00:00	1.43					26-May-2006	12:00:00	-0.44	62	62
21-Jan-2006	00:01:27	3.85			16-Mar-2006	12:00:00	1.33					27-May-2006	12:00:00	0.14	63	63
21-Jan-2006	12:01:27	4.13			17-Mar-2006	12:00:00	1.26					28-May-2006	12:00:00	-0.89	64	64
22-Jan-2006	00:01:27	4.13			18-Mar-2006	12:00:00	1.16					29-May-2006	12:00:00	-3.12	65	65
22-Jan-2006	12:01:27	4.05			19-Mar-2006	12:00:00	1.05					30-May-2006	12:00:00	-5.09	66	66
23-Jan-2006	00:01:27	4.03			20-Mar-2006	12:00:00	0.98					31-May-2006	12:00:00	-6.44	67	67
23-Jan-2006	12:01:27	4.07			21-Mar-2006	12:00:00	2.02					01-Jun-2006	12:00:00	-7.38	68	68
24-Jan-2006	00:01:27	4.05			22-Mar-2006	12:00:00	2.11					02-Jun-2006	12:00:00	1.91	69	69
24-Jan-2006	12:01:27	3.97			23-Mar-2006	12:00:00	2.06					03-Jun-2006	12:00:00	2.6	70	70
25-Jan-2006	00:01:27	3.89			24-Mar-2006	12:00:00	2.04					04-Jun-2006	12:00:00	2.18	71	71
25-Jan-2006	12:01:27	3.68			25-Mar-2006	12:00:00	2.03					05-Jun-2006	12:00:00	2.06	72	72
26-Jan-2006	00:01:27	3.52			26-Mar-2006	12:00:00	2.04	1	1			06-Jun-2006	12:00:00	1.78	73	73
26-Jan-2006	12:01:27	3.39			27-Mar-2006	12:00:00	1.99	2	2			07-Jun-2006	12:00:00	1.51	74	74
27-Jan-2006	00:01:27	3.27			28-Mar-2006	12:00:00	1.96	3	3			08-Jun-2006	12:00:00	1.3	75	75
27-Jan-2006	12:01:27	3.16			29-Mar-2006	12:00:00	1.88	4	4			09-Jun-2006	12:00:00	1.16	76	76
28-Jan-2006	00:01:27	3.09			30-Mar-2006	12:00:00	1.81	5	5			10-Jun-2006	12:00:00	0.87	77	77
28-Jan-2006	12:01:27	3.04			31-Mar-2006	12:00:00	1.74	6	6			11-Jun-2006	12:00:00	1.68	78	78
29-Jan-2006	00:01:27	2.98			01-Apr-2006	12:00:00	1.72	7	7			12-Jun-2006	12:00:00	2.54	79	79
29-Jan-2006	12:01:27	3.01			02-Apr-2006	12:00:00	1.55	8	8			13-Jun-2006	12:00:00	2.31	80	80
30-Jan-2006	00:01:27	2.94			03-Apr-2006	12:00:00	1.61	9	9			14-Jun-2006	12:00:00	4.22	81	81
30-Jan-2006	12:01:27	2.89			04-Apr-2006	12:00:00	1.85	10	10			15-Jun-2006	12:00:00	5.12	82	82
31-Jan-2006	00:01:27	2.86			05-Apr-2006	12:00:00	1.68	11	11			16-Jun-2006	12:00:00	4.36	83	83
31-Jan-2006	12:01:27	2.78			06-Apr-2006	12:00:00	1.56	12	12			17-Jun-2006	12:00:00	3.71	84	84
01-Feb-2006	00:01:27	2.68			07-Apr-2006	12:00:00	1.5	13	13			18-Jun-2006	12:00:00	3.22	85	85
01-Feb-2006	12:01:27	2.64			08-Apr-2006	12:00:00	1.62	14	14			19-Jun-2006	12:00:00	2.81	86	86
02-Feb-2006	00:01:27	2.58			09-Apr-2006	12:00:00	1.81	15	15			20-Jun-2006	12:00:00	2.42	87	87
02-Feb-2006	12:01:27	2.53			10-Apr-2006	12:00:00	1.67	16	16			21-Jun-2006	12:00:00	2.06	88	88
03-Feb-2006	00:01:27	3.03			11-Apr-2006	12:00:00	1.53	17	17			22-Jun-2006	12:00:00	1.74	89	89
03-Feb-2006	12:01:27	3.3			12-Apr-2006	12:00:00	1.41	18	18			23-Jun-2006	12:00:00	1.46	90	90
04-Feb-2006	00:01:27	3.35			13-Apr-2006	12:00:00	1.34	19	19			24-Jun-2006	12:00:00	2.06	91	91
04-Feb-2006	12:01:27	3.47			14-Apr-2006	12:00:00	1.29	20	20			25-Jun-2006	12:00:00	3.04	92	92
05-Feb-2006	00:01:27	3.58			15-Apr-2006	12:00:00	1.11	21	21			2				

Haw River Gauge 7 Year 2 (2006) Data



Gauge: 7

Data Acquired: November 9, 2006

Serial Number: N3ECCF90

CD: Consecutive Days Saturation (within 12 inches of the soil surface) During the Growing Season

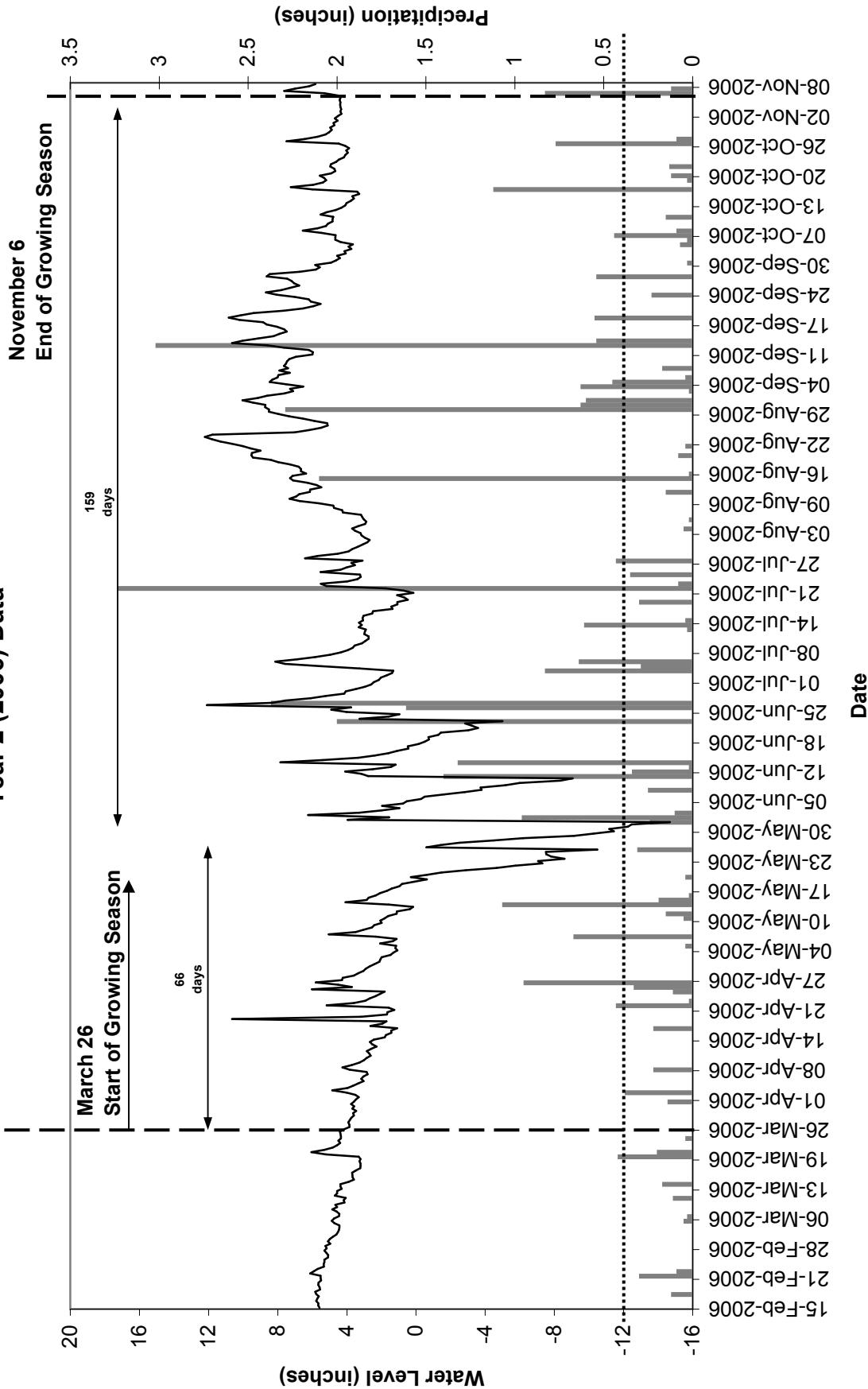
JD: Days During the Growing Season

Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD
01-Jan-2006	11:59:19	-0.05			06-Feb-2006	11:59:19	2.76			14-Mar-2006	11:59:19	-16.79		
01-Jan-2006	23:59:19	0.01			06-Feb-2006	23:59:19	2.81			14-Mar-2006	23:59:19	-19.93		
02-Jan-2006	11:59:19	0.78			07-Feb-2006	11:59:19	2.87			15-Mar-2006	11:59:19	-20.28		
02-Jan-2006	23:59:19	2.53			07-Feb-2006	23:59:19	2.85			15-Mar-2006	23:59:19	-20.95		
03-Jan-2006	11:59:19	2.03			08-Feb-2006	11:59:19	2.89			16-Mar-2006	11:59:19	-20.78		
03-Jan-2006	23:59:19	1.67			08-Feb-2006	23:59:19	3			16-Mar-2006	23:59:19	-20.98		
04-Jan-2006	11:59:19	1.67			09-Feb-2006	11:59:19	2.9			17-Mar-2006	11:59:19	-21.36		
04-Jan-2006	23:59:19	1.67			09-Feb-2006	23:59:19	2.85			17-Mar-2006	23:59:19	-21.74		
05-Jan-2006	11:59:19	1.56			10-Feb-2006	11:59:19	3.09			18-Mar-2006	11:59:19	-21.99		
05-Jan-2006	23:59:19	1.5			10-Feb-2006	23:59:19	3.31			18-Mar-2006	23:59:19	-22.33		
06-Jan-2006	11:59:19	1.49			11-Feb-2006	11:59:19	3.87			19-Mar-2006	11:59:19	-22.38		
06-Jan-2006	23:59:19	1.41			11-Feb-2006	23:59:19	4.32			19-Mar-2006	23:59:19	-22.74		
07-Jan-2006	11:59:19	1.46			12-Feb-2006	11:59:19	3.2			20-Mar-2006	11:59:19	-22.76		
07-Jan-2006	23:59:19	1.52			12-Feb-2006	23:59:19	0.77			20-Mar-2006	23:59:19	-15.05		
08-Jan-2006	11:59:19	1.53			13-Feb-2006	11:59:19	0.13			21-Mar-2006	11:59:19	-3.86		
08-Jan-2006	23:59:19	1.43			13-Feb-2006	23:59:19	-0.29			21-Mar-2006	23:59:19	-4.55		
09-Jan-2006	11:59:19	1.44			14-Feb-2006	11:59:19	-0.44			22-Mar-2006	11:59:19	-4.93		
09-Jan-2006	23:59:19	1.43			14-Feb-2006	23:59:19	-1			22-Mar-2006	23:59:19	-6.2		
10-Jan-2006	11:59:19	1.53			15-Feb-2006	11:59:19	-1.15			23-Mar-2006	11:59:19	-6.84		
10-Jan-2006	23:59:19	1.58			15-Feb-2006	23:59:19	-1.37			23-Mar-2006	23:59:19	-7.75		
11-Jan-2006	11:59:19	1.69			16-Feb-2006	11:59:19	-1.48			24-Mar-2006	11:59:19	-8.47		
11-Jan-2006	23:59:19	2.38			16-Feb-2006	23:59:19	-1.37			24-Mar-2006	23:59:19	-9.57		
12-Jan-2006	11:59:19	2.02			17-Feb-2006	11:59:19	-1.42			25-Mar-2006	11:59:19	-10.63		
12-Jan-2006	23:59:19	1.91			17-Feb-2006	23:59:19	-1.7			25-Mar-2006	23:59:19	-11.71		
13-Jan-2006	11:59:19	1.83			18-Feb-2006	11:59:19	-0.81			26-Mar-2006	11:59:19	-13.22	1	
13-Jan-2006	23:59:19	2.23			18-Feb-2006	23:59:19	-1.05			26-Mar-2006	23:59:19	-14.7	1	
14-Jan-2006	11:59:19	2.24			19-Feb-2006	11:59:19	-1.37			27-Mar-2006	11:59:19	-15.65	2	
14-Jan-2006	23:59:19	1.95			19-Feb-2006	23:59:19	-1.32			27-Mar-2006	23:59:19	-16.52	2	
15-Jan-2006	11:59:19	1.82			20-Feb-2006	11:59:19	-1.33			28-Mar-2006	11:59:19	-16.75	3	
15-Jan-2006	23:59:19	1.74			20-Feb-2006	23:59:19	-1.44			28-Mar-2006	23:59:19	-17.59	3	
16-Jan-2006	11:59:19	1.74			21-Feb-2006	11:59:19	-1.86			29-Mar-2006	11:59:19	-18.04	4	
16-Jan-2006	23:59:19	1.78			21-Feb-2006	23:59:19	-2.12			29-Mar-2006	23:59:19	-18.9	4	
17-Jan-2006	11:59:19	1.8			22-Feb-2006	11:59:19	-2.07			30-Mar-2006	11:59:19	-19.16	5	
17-Jan-2006	23:59:19	2.26			22-Feb-2006	23:59:19	-0.17			30-Mar-2006	23:59:19	-19.78	5	
18-Jan-2006	11:59:19	2.2			23-Feb-2006	11:59:19	-0.74			31-Mar-2006	11:59:19	-19.93	6	
18-Jan-2006	23:59:19	1.7			23-Feb-2006	23:59:19	-1.43			31-Mar-2006	23:59:19	-20.17	6	
19-Jan-2006	11:59:19	1.55			24-Feb-2006	11:59:19	-2.13			01-Apr-2006	11:59:19	-19.62	7	
19-Jan-2006	23:59:19	1.63			24-Feb-2006	23:59:19	-2.42			01-Apr-2006	23:59:19	-20.61	7	
20-Jan-2006	11:59:19	1.56			25-Feb-2006	11:59:19	-2.43			02-Apr-2006	11:59:19	-20.61	8	
20-Jan-2006	23:59:19	1.79			25-Feb-2006	23:59:19	-2.64			02-Apr-2006	23:59:19	-20.17	8	
21-Jan-2006	11:59:19	2.2			26-Feb-2006	11:59:19	-3.64			03-Apr-2006	11:59:19	-18.22	9	
21-Jan-2006	23:59:19	1.91			26-Feb-2006	23:59:19	-4.46			03-Apr-2006	23:59:19	-13.15	9	
22-Jan-2006	11:59:19	1.89			27-Feb-2006	11:59:19	-3.65			04-Apr-2006	11:59:19	-13.45	10	
22-Jan-2006	23:59:19	2.33			27-Feb-2006	23:59:19	-4.87			04-Apr-2006	23:59:19	-14.32	10	
23-Jan-2006	11:59:19	2.81			28-Feb-2006	11:59:19	-5.37			05-Apr-2006	11:59:19	-15.6	11	
23-Jan-2006	23:59:19	2.77			28-Feb-2006	23:59:19	-5.91			05-Apr-2006	23:59:19	-17.77	11	
24-Jan-2006	11:59:19	2.75			01-Mar-2006	11:59:19	-6.4			06-Apr-2006	11:59:19	-18.37	12	
24-Jan-2006	23:59:19	2.84			01-Mar-2006	23:59:19	-7.01			06-Apr-2006	23:59:19	-18.62	12	
25-Jan-2006	11:59:19	2.41			02-Mar-2006	11:59:19	-7.33			07-Apr-2006	11:59:19	-17.94	13	
25-Jan-2006	23:59:19	2.13			02-Mar-2006	23:59:19	-8.97			07-Apr-2006	23:59:19	-18.18	13	
26-Jan-2006	11:59:19	1.89			03-Mar-2006	11:59:19	-10.36			08-Apr-2006	11:59:19	-16.65	14	
26-Jan-2006	23:59:19	1.79			03-Mar-2006	23:59:19	-11.72			08-Apr-2006	23:59:19	-15.12	14	
27-Jan-2006	11:59:19	1.85			04-Mar-2006	11:59:19	-12.53			09-Apr-2006	11:59:19	-16.32	15	
27-Jan-2006	23:59:19	2			04-Mar-2006	23:59:19	-13.52			09-Apr-2006	23:59:19	-18.53	15	
28-Jan-2006	11:59:19	2.24			05-Mar-2006	11:59:19	-13.91			10-Apr-2006	11:59:19	-19.32	16	
28-Jan-2006	23:59:19	2.52			05-Mar-2006	23:59:19	-14.25			10-Apr-2006	23:59:19	-20.55	16	
29-Jan-2006	11:59:19	2.89			06-Mar-2006	11:59:19	-14.22			11-Apr-2006	11:59:19	-21.04	17	
29-Jan-2006	23:59:19	2.94			06-Mar-2006	23:59:19	-14.72			11-Apr-2006	23:59:19	-21.88	17	
30-Jan-2006	11:59:19	2.97			07-Mar-2006	11:59:19	-15.3			12-Apr-2006	11:59:19	-21.96	18	
30-Jan-2006	23:59:19	3.14			07-Mar-2006	23:59:19	-16.07			12-Apr-2006	23:59:19	-21.84	18	
31-Jan-2006	11:59:19	2.75			08-Mar-2006	11:59:19	-16.08			13-Apr-2006	11:59:19	-21.14	19	
31-Jan-2006	23:59:19	2.49			08-Mar-2006	23:59:19	-16.3			13-Apr-2006	23:59:19	-19.95	19	
01-Feb-2006	11:59:19	2.71			09-Mar-2006	11:59:19	-16.55			14-Apr-2006	11:59:19	-18.37	20	
01-Feb-2006	23:59:19	2.86			09-Mar-2006	23:59:19	-16.68			14-Apr-2006	23:59:19	-17.17	20	
02-Feb-2006	11:59:19	3.01			10-Mar-2006	11:59:19	-17.34			15-Apr-2006	11:59:19	-16.32	21	
02-Feb-2006	23:59:19	3.74			10-Mar-2006	23:59:19	-18.21			15-Apr-2006	23:59:19	-16.69	21	
03-Feb-2006	11:59:19	3.54			11-Mar-2006	11:59:19	-18.62			16-Apr-2006	11:59:19	-16.84	22	
03-Feb-2006	23:59:19	3.43			11-Mar-2006	23:59:19	-16.96			16-Apr-2006	23:59:19	-15.45	22	
04-Feb-2006	11:59:19	3.85			12-Mar-2006	11:59:19	-17.27			17-Apr-2006	11:59:19	-14.27	23	
04-Feb-2006	23:59:19	3.57			12-Mar-2006	23:59:19	-18.44			17-Apr-2006	23:59:19	-18.23	23	
05-Feb-2006	11:59:19	3.23			13-Mar-2006	11:59:19	-18.76			18-Apr-2006	11:59:19	-18.93	24	
05-Feb-2006	23:59:19	2.96			13-Mar-2006	23:59:19	-19.32			18-Apr-2006	23:59:19	-19.14	24	

Page 2 Gauge 7				(continued)				(continued)				(continued)					
Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD		
19-Apr-2006	11:59:19	-18.6	25	28-May-2006	23:59:19	-24.14	64	07-Jul-2006	11:59:19	1.2	4	104					
19-Apr-2006	23:59:19	-16.91	25	29-May-2006	11:59:19	-23.91	65	07-Jul-2006	23:59:19	-0.4	4	104					
20-Apr-2006	11:59:19	-22.95	26	29-May-2006	23:59:19	-23.92	65	08-Jul-2006	11:59:19	-1.32	5	105					
20-Apr-2006	23:59:19	-21.79	26	30-May-2006	11:59:19	-23.92	66	08-Jul-2006	23:59:19	-1.98	5	105					
21-Apr-2006	11:59:19	-25.06	27	30-May-2006	23:59:19	-23.92	66	09-Jul-2006	11:59:19	-3.18	6	106					
21-Apr-2006	23:59:19	-24.57	27	31-May-2006	11:59:19	-23.92	67	09-Jul-2006	23:59:19	-3.65	6	106					
22-Apr-2006	11:59:19	-19.53	28	31-May-2006	23:59:19	-23.93	67	10-Jul-2006	11:59:19	-5.26	7	107					
22-Apr-2006	23:59:19	-16.7	28	01-Jun-2006	11:59:19	-23.95	68	10-Jul-2006	23:59:19	-6.28	7	107					
23-Apr-2006	11:59:19	-18.04	29	01-Jun-2006	23:59:19	-22.82	68	11-Jul-2006	11:59:19	-8.28	8	108					
23-Apr-2006	23:59:19	-18.98	29	02-Jun-2006	11:59:19	-16.09	69	11-Jul-2006	23:59:19	-8.68	8	108					
24-Apr-2006	11:59:19	-19.78	30	02-Jun-2006	23:59:19	1.11	1	69	12-Jul-2006	11:59:19	-11.15	9	109				
24-Apr-2006	23:59:19	-20.81	30	03-Jun-2006	11:59:19	-2.04	2	70	12-Jul-2006	23:59:19	-12.19	109					
25-Apr-2006	11:59:19	-21.55	31	03-Jun-2006	23:59:19	-5.22	2	70	13-Jul-2006	11:59:19	-14.68	110					
25-Apr-2006	23:59:19	-17.75	31	04-Jun-2006	11:59:19	-7.87	3	71	13-Jul-2006	23:59:19	-14.58	110					
26-Apr-2006	11:59:19	-12.56	32	04-Jun-2006	23:59:19	-7.36	3	71	14-Jul-2006	11:59:19	-17.23	111					
26-Apr-2006	23:59:19	-9.12	1	32	05-Jun-2006	11:59:19	-10.15	4	72	14-Jul-2006	23:59:19	-17.49	111				
27-Apr-2006	11:59:19	-1.62	2	33	05-Jun-2006	23:59:19	-12.1	72	15-Jul-2006	11:59:19	-18.83	112					
27-Apr-2006	23:59:19	-3.87	2	33	06-Jun-2006	11:59:19	-14.91	73	15-Jul-2006	23:59:19	-19.29	112					
28-Apr-2006	11:59:19	-5.13	3	34	06-Jun-2006	23:59:19	-17.74	73	16-Jul-2006	11:59:19	-20.2	113					
28-Apr-2006	23:59:19	-6.77	3	34	07-Jun-2006	11:59:19	-19.79	74	16-Jul-2006	23:59:19	-20.65	113					
29-Apr-2006	11:59:19	-8.14	4	35	07-Jun-2006	23:59:19	-21.74	74	17-Jul-2006	11:59:19	-21.51	114					
29-Apr-2006	23:59:19	-9.91	4	35	08-Jun-2006	11:59:19	-22.59	75	17-Jul-2006	23:59:19	-22	114					
30-Apr-2006	11:59:19	-11.15	5	36	08-Jun-2006	23:59:19	-23.25	75	18-Jul-2006	11:59:19	-22.78	115					
30-Apr-2006	23:59:19	-13.39	36	09-Jun-2006	11:59:19	-23.93	76	18-Jul-2006	23:59:19	-23.55	115						
01-May-2006	11:59:19	-15.28	37	09-Jun-2006	23:59:19	-24.79	76	19-Jul-2006	11:59:19	-23.92	116						
01-May-2006	23:59:19	-17.77	37	10-Jun-2006	11:59:19	-25.29	77	19-Jul-2006	23:59:19	-24.69	116						
02-May-2006	11:59:19	-18.65	38	10-Jun-2006	23:59:19	-26.04	77	20-Jul-2006	11:59:19	-25.05	117						
02-May-2006	23:59:19	-20.23	38	11-Jun-2006	11:59:19	-17.01	78	20-Jul-2006	23:59:19	-25.69	117						
03-May-2006	11:59:19	-21	39	11-Jun-2006	23:59:19	-15.77	78	21-Jul-2006	11:59:19	-25.84	118						
03-May-2006	23:59:19	-22.34	39	12-Jun-2006	11:59:19	-4.43	1	79	21-Jul-2006	23:59:19	-26.41	118					
04-May-2006	11:59:19	-22.92	40	12-Jun-2006	23:59:19	-6.1	1	79	22-Jul-2006	11:59:19	-26.66	119					
04-May-2006	23:59:19	-23.86	40	13-Jun-2006	11:59:19	-8.89	2	80	22-Jul-2006	23:59:19	-5.6	1	119				
05-May-2006	11:59:19	-24.27	41	13-Jun-2006	23:59:19	-10.7	2	80	23-Jul-2006	11:59:19	-0.9	2	120				
05-May-2006	23:59:19	-23.55	41	14-Jun-2006	11:59:19	0.52	3	81	23-Jul-2006	23:59:19	-3.07	2	120				
06-May-2006	11:59:19	-24.36	42	14-Jun-2006	23:59:19	0.09	3	81	24-Jul-2006	11:59:19	-4.96	3	121				
06-May-2006	23:59:19	-25.17	42	15-Jun-2006	11:59:19	-1.94	4	82	24-Jul-2006	23:59:19	-5.57	3	121				
07-May-2006	11:59:19	-24.84	43	15-Jun-2006	23:59:19	-3.79	4	82	25-Jul-2006	11:59:19	-6.35	4	122				
07-May-2006	23:59:19	-8.58	1	43	16-Jun-2006	11:59:19	-5.9	5	83	25-Jul-2006	23:59:19	-1.48	4	122			
08-May-2006	11:59:19	-9.33	2	44	16-Jun-2006	23:59:19	-7.79	5	83	26-Jul-2006	11:59:19	-3.26	5	123			
08-May-2006	23:59:19	-10.24	2	44	17-Jun-2006	11:59:19	-10.38	6	84	26-Jul-2006	23:59:19	-4.91	5	123			
09-May-2006	11:59:19	-11.48	3	45	17-Jun-2006	23:59:19	-12.66	84	27-Jul-2006	11:59:19	-7.15	6	124				
09-May-2006	23:59:19	-13.44	45	18-Jun-2006	11:59:19	-15.73	85	27-Jul-2006	23:59:19	-8.27	6	124					
10-May-2006	11:59:19	-15.36	46	18-Jun-2006	23:59:19	-18.61	85	28-Jul-2006	11:59:19	-11.13	7	125					
10-May-2006	23:59:19	-17.43	46	19-Jun-2006	11:59:19	-20.13	86	28-Jul-2006	23:59:19	-0.19	7	125					
11-May-2006	11:59:19	-18.43	47	19-Jun-2006	23:59:19	-21.92	86	29-Jul-2006	11:59:19	-0.89	8	126					
11-May-2006	23:59:19	-19.79	47	20-Jun-2006	11:59:19	-22.84	87	29-Jul-2006	23:59:19	-2.6	8	126					
12-May-2006	11:59:19	-20.77	48	20-Jun-2006	23:59:19	-24.04	87	30-Jul-2006	11:59:19	-4.87	9	127					
12-May-2006	23:59:19	-22.24	48	21-Jun-2006	11:59:19	-24.69	88	30-Jul-2006	23:59:19	-6.82	9	127					
13-May-2006	11:59:19	-22.89	49	21-Jun-2006	23:59:19	-25.42	88	31-Jul-2006	11:59:19	-9.37	10	128					
13-May-2006	23:59:19	-23.97	49	22-Jun-2006	11:59:19	-24.35	89	31-Jul-2006	23:59:19	-11.08	10	128					
14-May-2006	11:59:19	-23.76	50	22-Jun-2006	23:59:19	-24.46	89	01-Aug-2006	11:59:19	-14.01	129						
14-May-2006	23:59:19	-13.66	50	23-Jun-2006	11:59:19	-24.01	90	01-Aug-2006	23:59:19	-17.04	129						
15-May-2006	11:59:19	-16.22	51	23-Jun-2006	23:59:19	-23.21	90	02-Aug-2006	11:59:19	-19.11	130						
15-May-2006	23:59:19	-16.85	51	24-Jun-2006	11:59:19	-22.04	91	02-Aug-2006	23:59:19	-21.28	130						
16-May-2006	11:59:19	-18.61	52	24-Jun-2006	23:59:19	-21.15	91	03-Aug-2006	11:59:19	-22.13	131						
16-May-2006	23:59:19	-20.45	52	25-Jun-2006	11:59:19	-5.41	1	92	03-Aug-2006	23:59:19	-23.47	131					
17-May-2006	11:59:19	-21.31	53	25-Jun-2006	23:59:19	-1.19	1	92	04-Aug-2006	11:59:19	-24.05	132					
17-May-2006	23:59:19	-22.73	53	26-Jun-2006	11:59:19	-1.18	2	93	04-Aug-2006	23:59:19	-24.36	132					
18-May-2006	11:59:19	-23.45	54	26-Jun-2006	23:59:19	13.07	2	93	05-Aug-2006	11:59:19	-24.8	133					
18-May-2006	23:59:19	-24.19	54	27-Jun-2006	11:59:19	4.16	3	94	05-Aug-2006	23:59:19	-25.65	133					
19-May-2006	11:59:19	-24.76	55	27-Jun-2006	23:59:19	2.79	3	94	06-Aug-2006	11:59:19	-26.05	134					
19-May-2006	23:59:19	-25.57	55	28-Jun-2006	11:59:19	0.18	4	95	06-Aug-2006	23:59:19	-26.55	134					
20-May-2006	11:59:19	-25.44	56	28-Jun-2006	23:59:19	-0.49	4	95	07-Aug-2006	11:59:19	-26.25	135					
20-May-2006	23:59:19	-26.12	56	29-Jun-2006	11:59:19	-1.36	5	96	07-Aug-2006	23:59:19	-25.31	135					
21-May-2006	11:59:19	-25.32	57	29-Jun-2006	23:59:19	-1.55	5	96	08-Aug-2006	11:59:19	-24.12	136					
21-May-2006	23:59:19	-24.56	57	30-Jun-2006	11:59:19	-3.14	6	97	08-Aug-2006	23:59:19	-24.82	136					
22-May-2006	11:59:19	-23.85	58	30-Jun-2006	23:59:19	-4.01	6	97	09-Aug-2006	11:59:19	-24.12	137					
22-May-2006	23:59:19	-23.77	58	01-Jul-2006	11:59:19	-5.84	7	98	09-Aug-2006	23:59:19	-24.92	137					
23-May-2006	11:59:19	-23.86	59	01-Jul-2006	23:59:19	-6.84	7	98	10-Aug-2006	11:59:19	-24.12	138					
23-May-2006	23:59:19	-24.03	59	02-Jul-2006	11:59:19	-9.18	8	99	10-Aug-2006	23:59:19	-25.45	138					
24-May-2006	11:59:19	-23.86	60	02-Jul-2006	23:59:19	-10.34	8	99	11-Aug-2006	11:59:19	-28.3						

Page 3 Gauge 7				(continued)				(continued)				(continued)			
Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD
15-Aug-2006	23:59:19	-24.94	143	24-Sep-2006	11:59:19	-10.07	12	183	02-Nov-2006	23:59:19	-4.78	51	222		
16-Aug-2006	11:59:19	-24.08	144	24-Sep-2006	23:59:19	0.02	12	183	03-Nov-2006	11:59:19	-5.19	52	223		
16-Aug-2006	23:59:19	-24.53	144	25-Sep-2006	11:59:19	-0.28	13	184	03-Nov-2006	23:59:19	-5.78	52	223		
17-Aug-2006	11:59:19	-24.09	145	25-Sep-2006	23:59:19	-1.31	13	184	04-Nov-2006	11:59:19	-6.01	53	224		
17-Aug-2006	23:59:19	-25.35	145	26-Sep-2006	11:59:19	-2.37	14	185	04-Nov-2006	23:59:19	-6.36	53	224		
18-Aug-2006	11:59:19	-24.08	146	26-Sep-2006	23:59:19	-3.07	14	185	05-Nov-2006	11:59:19	-6.26	54	225		
18-Aug-2006	23:59:19	-24.92	146	27-Sep-2006	11:59:19	-3.82	15	186	05-Nov-2006	23:59:19	-6.59	54	225		
19-Aug-2006	11:59:19	-24.06	147	27-Sep-2006	23:59:19	-4.36	15	186	06-Nov-2006	11:59:19	-6.55	55	226		
19-Aug-2006	23:59:19	-24.08	147	28-Sep-2006	11:59:19	-5.23	16	187	06-Nov-2006	23:59:19	-6.59	55	226		
20-Aug-2006	11:59:19	-24.07	148	28-Sep-2006	23:59:19	0.61	16	187	07-Nov-2006	11:59:19	-1.85				
20-Aug-2006	23:59:19	-24.09	148	29-Sep-2006	11:59:19	-0.72	17	188	07-Nov-2006	23:59:19	1.18				
21-Aug-2006	11:59:19	-24.08	149	29-Sep-2006	23:59:19	-1.67	17	188	08-Nov-2006	11:59:19	0.54				
21-Aug-2006	23:59:19	-24.08	149	30-Sep-2006	11:59:19	-2.22	18	189	08-Nov-2006	23:59:19	-0.26				
22-Aug-2006	11:59:19	-24.07	150	30-Sep-2006	23:59:19	-2.69	18	189	09-Nov-2006	11:59:19	-0.78				
22-Aug-2006	23:59:19	-24.09	150	01-Oct-2006	11:59:19	-3.24	19	190							
23-Aug-2006	11:59:19	-24.1	151	01-Oct-2006	23:59:19	-3.88	19	190							
23-Aug-2006	23:59:19	-24.1	151	02-Oct-2006	11:59:19	-4.68	20	191							
24-Aug-2006	11:59:19	-24.09	152	02-Oct-2006	23:59:19	-5.12	20	191							
24-Aug-2006	23:59:19	-24.09	152	03-Oct-2006	11:59:19	-6	21	192							
25-Aug-2006	11:59:19	-24.09	153	03-Oct-2006	23:59:19	-6.45	21	192							
25-Aug-2006	23:59:19	-24.07	153	04-Oct-2006	11:59:19	-7.51	22	193							
26-Aug-2006	11:59:19	-24.08	154	04-Oct-2006	23:59:19	-8.03	22	193							
26-Aug-2006	23:59:19	-24.08	154	05-Oct-2006	11:59:19	-9.37	23	194							
27-Aug-2006	11:59:19	-24.06	155	05-Oct-2006	23:59:19	-7.65	23	194							
27-Aug-2006	23:59:19	-24.07	155	06-Oct-2006	11:59:19	-6.19	24	195							
28-Aug-2006	11:59:19	-24.07	156	06-Oct-2006	23:59:19	-7.1	24	195							
28-Aug-2006	23:59:19	-24.07	156	07-Oct-2006	11:59:19	-6.57	25	196							
29-Aug-2006	11:59:19	-24.07	157	07-Oct-2006	23:59:19	-1	25	196							
29-Aug-2006	23:59:19	-24.08	157	08-Oct-2006	11:59:19	-0.63	26	197							
30-Aug-2006	11:59:19	-24.08	158	08-Oct-2006	23:59:19	-1.33	26	197							
30-Aug-2006	23:59:19	-22.91	158	09-Oct-2006	11:59:19	-2.14	27	198							
31-Aug-2006	11:59:19	0.77	1	159	09-Oct-2006	23:59:19	-2.67	27	198						
31-Aug-2006	23:59:19	0.1	1	159	10-Oct-2006	11:59:19	-3.46	28	199						
01-Sep-2006	11:59:19	0.61	2	160	10-Oct-2006	23:59:19	-3.85	28	199						
01-Sep-2006	23:59:19	-0.77	2	160	11-Oct-2006	11:59:19	-4.12	29	200						
02-Sep-2006	11:59:19	-2.66	3	161	11-Oct-2006	23:59:19	-1.99	29	200						
02-Sep-2006	23:59:19	-3.88	3	161	12-Oct-2006	11:59:19	-4.05	30	201						
03-Sep-2006	11:59:19	-5.5	4	162	12-Oct-2006	23:59:19	-4.76	30	201						
03-Sep-2006	23:59:19	-7	4	162	13-Oct-2006	11:59:19	-5.56	31	202						
04-Sep-2006	11:59:19	-7.96	5	163	13-Oct-2006	23:59:19	-6.48	31	202						
04-Sep-2006	23:59:19	-6.25	5	163	14-Oct-2006	11:59:19	-7.19	32	203						
05-Sep-2006	11:59:19	-7.12	6	164	14-Oct-2006	23:59:19	-8.29	32	203						
05-Sep-2006	23:59:19	-7.33	6	164	15-Oct-2006	11:59:19	-9.13	33	204						
06-Sep-2006	11:59:19	-7.95	7	165	15-Oct-2006	23:59:19	-10.08	33	204						
06-Sep-2006	23:59:19	-9.2	7	165	16-Oct-2006	11:59:19	-10.98	34	205						
07-Sep-2006	11:59:19	-9.8	8	166	16-Oct-2006	23:59:19	-11.75	34	205						
07-Sep-2006	23:59:19	-10.88	8	166	17-Oct-2006	11:59:19	-2.34	35	206						
08-Sep-2006	11:59:19	-11.82	9	167	17-Oct-2006	23:59:19	0.9	35	206						
08-Sep-2006	23:59:19	-12.45	167	18-Oct-2006	11:59:19	-0.41	36	207							
09-Sep-2006	11:59:19	-14.12	168	18-Oct-2006	23:59:19	-1.21	36	207							
09-Sep-2006	23:59:19	-15.06	168	19-Oct-2006	11:59:19	-1.62	37	208							
10-Sep-2006	11:59:19	-16.71	169	19-Oct-2006	23:59:19	-1.69	37	208							
10-Sep-2006	23:59:19	-17.92	169	20-Oct-2006	11:59:19	-1.48	38	209							
11-Sep-2006	11:59:19	-18.94	170	20-Oct-2006	23:59:19	-2.02	38	209							
11-Sep-2006	23:59:19	-20.4	170	21-Oct-2006	11:59:19	-2.6	39	210							
12-Sep-2006	11:59:19	-21.31	171	21-Oct-2006	23:59:19	-3.03	39	210							
12-Sep-2006	23:59:19	-22.23	171	22-Oct-2006	11:59:19	-2.45	40	211							
13-Sep-2006	11:59:19	-18.11	172	22-Oct-2006	23:59:19	-3.09	40	211							
13-Sep-2006	23:59:19	6.68	1	172	23-Oct-2006	11:59:19	-3.51	41	212						
14-Sep-2006	11:59:19	7.32	2	173	23-Oct-2006	23:59:19	-4.14	41	212						
14-Sep-2006	23:59:19	3.39	2	173	24-Oct-2006	11:59:19	-4.66	42	213						
15-Sep-2006	11:59:19	1.2	3	174	24-Oct-2006	23:59:19	-5.36	42	213						
15-Sep-2006	23:59:19	3.92	3	174	25-Oct-2006	11:59:19	-5.82	43	214						
16-Sep-2006	11:59:19	1.07	4	175	25-Oct-2006	23:59:19	-6.53	43	214						
16-Sep-2006	23:59:19	-0.85	4	175	26-Oct-2006	11:59:19	-7	44	215						
17-Sep-2006	11:59:19	-1.87	5	176	26-Oct-2006	23:59:19	-7.39	44	215						
17-Sep-2006	23:59:19	-2.6	5	176	27-Oct-2006	11:59:19	-7.2	45	216						
18-Sep-2006	11:59:19	-3.57	6	177	27-Oct-2006	23:59:19	0.47	45	216						
18-Sep-2006	23:59:19	-3.77	6	177	28-Oct-2006	11:59:19	0.02	46	217						
19-Sep-2006	11:59:19	-4.37	7	178	28-Oct-2006	23:59:19	-0.95	46	217						
19-Sep-2006	23:59:19	-4.29	7	178	29-Oct-2006	11:59:19	-1.53	47	218						
20-Sep-2006	11:59:19	-5.04	8	179	29-Oct-2006	23:59:19	-2.05	47	218						
20-Sep-2006	23:59:19	-5.55	8	179	30-Oct-2006	11:59:19	-2.43	48	219						
21-Sep-2006	11:59:19	-6.4	9	180	30-Oct-2006	23:59:19	-2.72	48	219						
21-Sep-2006	23:59:19	-6.58	9	180	31-Oct-2006	11:59:19	-3	49	220						
22-Sep-2006	11:59:19	-7.34	10	181	31-Oct-2006	23:59:19	-3.07	49	220						
22-Sep-2006	23:59:19	-6.91	10	181	01-Nov-2006	11:59:19	-3.55	50	221						
23-Sep-2006	11:59:19	-8.32	11	182	01-Nov-2006	23:59:19	-3.63	50	221						
23-Sep-2006	23:59:19	-8.65	11	182	02-Nov-2006	11:59:19	-4.07	51	222						

Haw River Gauge 8 Year 2 (2006) Data



Gauge: 8

Data Acquired: November 9, 2006

Serial Number: N3ECCF18

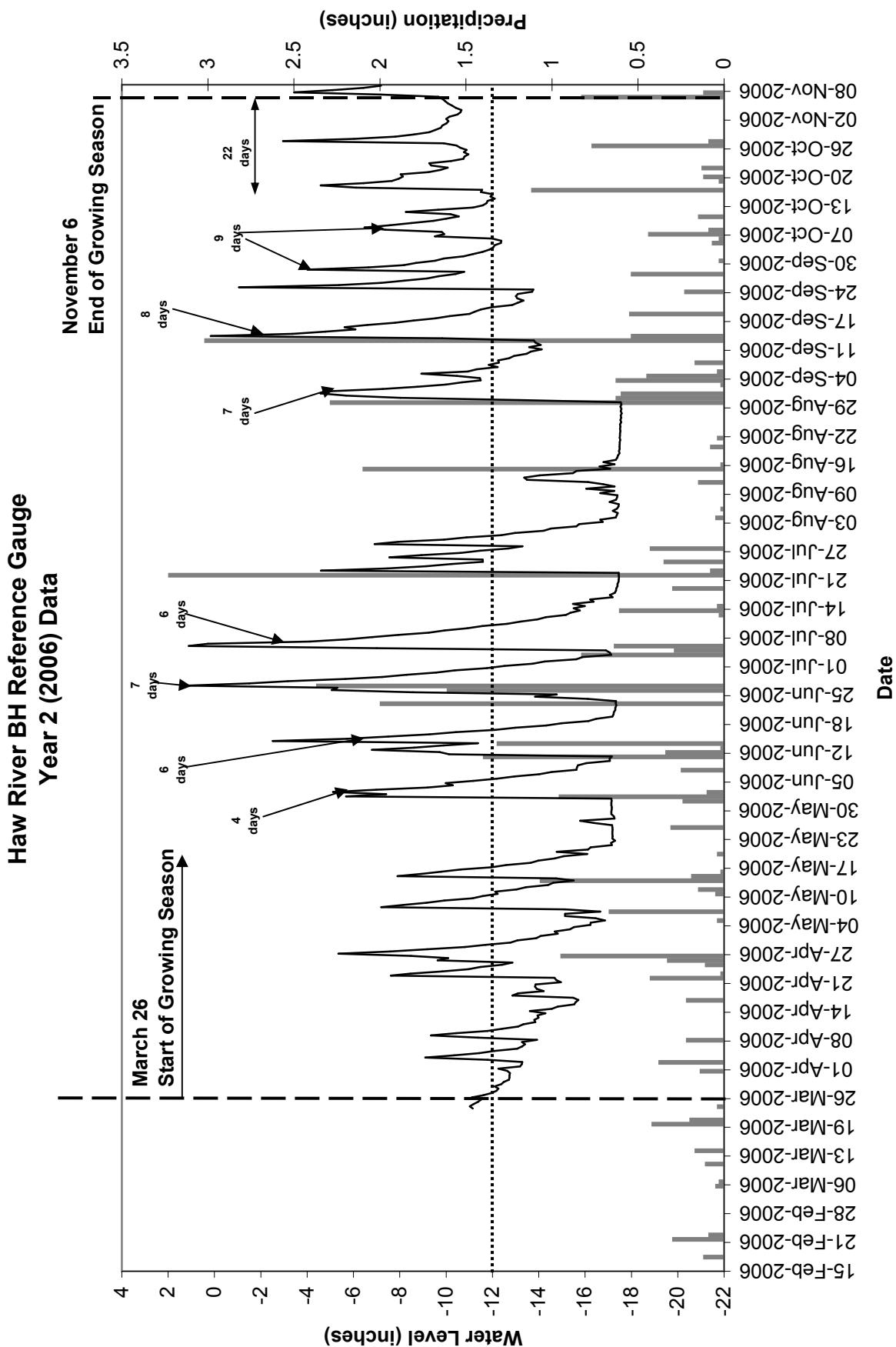
CD: Consecutive Days Saturation (within 12 inches of the soil surface) During the Growing Season

JD: Days During the Growing Season

Date	Time	Water Level (inches)	CD	JD	(continued)				CD	JD	(continued)			
					Date	Time	Water Level (inches)	CD			Date	Time	Water Level (inches)	CD
01-Jan-2006	11:59:19	5.69			06-Feb-2006	11:59:19	5.42				14-Mar-2006	11:59:19	4.37	
01-Jan-2006	23:59:19	5.67			06-Feb-2006	23:59:19	5.39				14-Mar-2006	23:59:19	3.9	
02-Jan-2006	11:59:19	5.96			07-Feb-2006	11:59:19	5.27				15-Mar-2006	11:59:19	3.6	
02-Jan-2006	23:59:19	7.78			07-Feb-2006	23:59:19	5.19				15-Mar-2006	23:59:19	3.67	
03-Jan-2006	11:59:19	7.33			08-Feb-2006	11:59:19	5.24				16-Mar-2006	11:59:19	3.69	
03-Jan-2006	23:59:19	6.85			08-Feb-2006	23:59:19	5.27				16-Mar-2006	23:59:19	3.7	
04-Jan-2006	11:59:19	6.68			09-Feb-2006	11:59:19	5.14				17-Mar-2006	11:59:19	3.48	
04-Jan-2006	23:59:19	6.61			09-Feb-2006	23:59:19	4.98				17-Mar-2006	23:59:19	3.23	
05-Jan-2006	11:59:19	6.45			10-Feb-2006	11:59:19	5.1				18-Mar-2006	11:59:19	3.21	
05-Jan-2006	23:59:19	6.29			10-Feb-2006	23:59:19	5.18				18-Mar-2006	23:59:19	3.22	
06-Jan-2006	11:59:19	6.09			11-Feb-2006	11:59:19	6.27				19-Mar-2006	11:59:19	3.27	
06-Jan-2006	23:59:19	5.9			11-Feb-2006	23:59:19	6.85				19-Mar-2006	23:59:19	3.22	
07-Jan-2006	11:59:19	5.97			12-Feb-2006	11:59:19	6.26				20-Mar-2006	11:59:19	3.32	
07-Jan-2006	23:59:19	5.91			12-Feb-2006	23:59:19	5.99				20-Mar-2006	23:59:19	5.22	
08-Jan-2006	11:59:19	5.81			13-Feb-2006	11:59:19	5.74				21-Mar-2006	11:59:19	6.05	
08-Jan-2006	23:59:19	5.73			13-Feb-2006	23:59:19	5.66				21-Mar-2006	23:59:19	5.31	
09-Jan-2006	11:59:19	5.65			14-Feb-2006	11:59:19	5.52				22-Mar-2006	11:59:19	4.81	
09-Jan-2006	23:59:19	5.64			14-Feb-2006	23:59:19	5.56				22-Mar-2006	23:59:19	4.56	
10-Jan-2006	11:59:19	5.61			15-Feb-2006	11:59:19	5.58				23-Mar-2006	11:59:19	4.39	
10-Jan-2006	23:59:19	5.61			15-Feb-2006	23:59:19	5.65				23-Mar-2006	23:59:19	4.49	
11-Jan-2006	11:59:19	5.72			16-Feb-2006	11:59:19	5.65				24-Mar-2006	11:59:19	4.34	
11-Jan-2006	23:59:19	6.81			16-Feb-2006	23:59:19	5.77				24-Mar-2006	23:59:19	4.34	
12-Jan-2006	11:59:19	6.41			17-Feb-2006	11:59:19	5.71				25-Mar-2006	11:59:19	4.38	
12-Jan-2006	23:59:19	6.08			17-Feb-2006	23:59:19	5.63				25-Mar-2006	23:59:19	4.4	
13-Jan-2006	11:59:19	6.06			18-Feb-2006	11:59:19	5.77				26-Mar-2006	11:59:19	4.15	1
13-Jan-2006	23:59:19	6.92			18-Feb-2006	23:59:19	5.83				26-Mar-2006	23:59:19	3.84	1
14-Jan-2006	11:59:19	6.67			19-Feb-2006	11:59:19	5.55				27-Mar-2006	11:59:19	3.86	2
14-Jan-2006	23:59:19	6.24			19-Feb-2006	23:59:19	5.58				27-Mar-2006	23:59:19	3.92	2
15-Jan-2006	11:59:19	6.06			20-Feb-2006	11:59:19	5.66				28-Mar-2006	11:59:19	3.83	3
15-Jan-2006	23:59:19	5.99			20-Feb-2006	23:59:19	5.64				28-Mar-2006	23:59:19	3.75	3
16-Jan-2006	11:59:19	5.97			21-Feb-2006	11:59:19	5.49				29-Mar-2006	11:59:19	3.6	4
16-Jan-2006	23:59:19	5.74			21-Feb-2006	23:59:19	5.53				29-Mar-2006	23:59:19	3.64	4
17-Jan-2006	11:59:19	5.76			22-Feb-2006	11:59:19	5.53				30-Mar-2006	11:59:19	3.46	5
17-Jan-2006	23:59:19	5.87			22-Feb-2006	23:59:19	6.12				30-Mar-2006	23:59:19	3.69	5
18-Jan-2006	11:59:19	6.72			23-Feb-2006	11:59:19	5.91				31-Mar-2006	11:59:19	3.58	6
18-Jan-2006	23:59:19	6.07			23-Feb-2006	23:59:19	5.69				31-Mar-2006	23:59:19	3.76	6
19-Jan-2006	11:59:19	5.93			24-Feb-2006	11:59:19	5.33				01-Apr-2006	11:59:19	3.59	7
19-Jan-2006	23:59:19	5.81			24-Feb-2006	23:59:19	5.35				01-Apr-2006	23:59:19	3.48	7
20-Jan-2006	11:59:19	5.73			25-Feb-2006	11:59:19	5.31				02-Apr-2006	11:59:19	3.32	8
20-Jan-2006	23:59:19	5.69			25-Feb-2006	23:59:19	5.31				02-Apr-2006	23:59:19	3.51	8
21-Jan-2006	11:59:19	6.65			26-Feb-2006	11:59:19	5.09				03-Apr-2006	11:59:19	4.03	9
21-Jan-2006	23:59:19	6.2			26-Feb-2006	23:59:19	5.08				03-Apr-2006	23:59:19	4.84	9
22-Jan-2006	11:59:19	5.98			27-Feb-2006	11:59:19	5.18				04-Apr-2006	11:59:19	3.97	10
22-Jan-2006	23:59:19	5.93			27-Feb-2006	23:59:19	5.31				04-Apr-2006	23:59:19	3.64	10
23-Jan-2006	11:59:19	6.22			28-Feb-2006	11:59:19	5.17				05-Apr-2006	11:59:19	3.35	11
23-Jan-2006	23:59:19	5.99			28-Feb-2006	23:59:19	5.25				05-Apr-2006	23:59:19	3.04	11
24-Jan-2006	11:59:19	5.93			01-Mar-2006	11:59:19	4.96				06-Apr-2006	11:59:19	3.17	12
24-Jan-2006	23:59:19	5.77			01-Mar-2006	23:59:19	5.1				06-Apr-2006	23:59:19	3.05	12
25-Jan-2006	11:59:19	5.62			02-Mar-2006	11:59:19	5				07-Apr-2006	11:59:19	2.8	13
25-Jan-2006	23:59:19	5.41			02-Mar-2006	23:59:19	4.81				07-Apr-2006	23:59:19	2.86	13
26-Jan-2006	11:59:19	5.34			03-Mar-2006	11:59:19	4.61				08-Apr-2006	11:59:19	3.84	14
26-Jan-2006	23:59:19	5.23			03-Mar-2006	23:59:19	4.52				08-Apr-2006	23:59:19	4.26	14
27-Jan-2006	11:59:19	5.3			04-Mar-2006	11:59:19	4.47				09-Apr-2006	11:59:19	3.73	15
27-Jan-2006	23:59:19	5.31			04-Mar-2006	23:59:19	4.44				09-Apr-2006	23:59:19	3.27	15
28-Jan-2006	11:59:19	5.33			05-Mar-2006	11:59:19	4.44				10-Apr-2006	11:59:19	3.02	16
28-Jan-2006	23:59:19	5.43			05-Mar-2006	23:59:19	4.73				10-Apr-2006	23:59:19	2.86	16
29-Jan-2006	11:59:19	5.6			06-Mar-2006	11:59:19	4.87				11-Apr-2006	11:59:19	2.63	17
29-Jan-2006	23:59:19	5.52			06-Mar-2006	23:59:19	4.75				11-Apr-2006	23:59:19	2.72	17
30-Jan-2006	11:59:19	5.52			07-Mar-2006	11:59:19	4.47				12-Apr-2006	11:59:19	2.84	18
30-Jan-2006	23:59:19	5.59			07-Mar-2006	23:59:19	4.43				12-Apr-2006	23:59:19	2.59	18
31-Jan-2006	11:59:19	5.34			08-Mar-2006	11:59:19	4.58				13-Apr-2006	11:59:19	2.29	19
31-Jan-2006	23:59:19	5.11			08-Mar-2006	23:59:19	4.85				13-Apr-2006	23:59:19	2.54	19
01-Feb-2006	11:59:19	5.17			09-Mar-2006	11:59:19	4.56				14-Apr-2006	11:59:19	2.67	20
01-Feb-2006	23:59:19	5.12			09-Mar-2006	23:59:19	4.67				14-Apr-2006	23:59:19	2.45	20
02-Feb-2006	11:59:19	5.25			10-Mar-2006	11:59:19	4.14				15-Apr-2006	11:59:19	1.82	21
02-Feb-2006	23:59:19	6.28			10-Mar-2006	23:59:19	4.18				15-Apr-2006	23:59:19	1.74	21
03-Feb-2006	11:59:19	6.42			11-Mar-2006	11:59:19	4.06				16-Apr-2006	11:59:19	1.44	22
03-Feb-2006	23:59:19	5.83			11-Mar-2006	23:59:19	4.7				16-Apr-2006	23:59:19	1.44	22
04-Feb-2006	11:59:19	5.93			12-Mar-2006	11:59:19	4.56				17-Apr-2006	11:59:19	1.09	23
04-Feb-2006	23:59:19	5.85			12-Mar-2006	23:59:19	4.56				17-Apr-2006	23:59:19	2.64	23
05-Feb-2006	11:59:19	5.65			13-Mar-2006	11:59:19	4.3				18-Apr-2006	11:59:19	1.95	24
05-Feb-2006	23:59:19	5.4			13-Mar-2006	23:59:19	4.37				18-Apr-2006	23:59:19	1.71	24

Page 2 Gauge 8																		
(continued)		Date	Time	Water Level (inches)	CD	JD		Date	Time	Water Level (inches)	CD	JD		Date	Time	Water Level (inches)	CD	JD
19-Apr-2006	11:59:19	10.64	25	25				28-May-2006	23:59:19	-6.18	64	64		07-Jul-2006	11:59:19	5.82	37	104
19-Apr-2006	23:59:19	3.19	25	25				29-May-2006	11:59:19	-9.13	65	65		07-Jul-2006	23:59:19	4.97	37	104
20-Apr-2006	11:59:19	1.68	26	26				30-May-2006	23:59:19	-10.27	65	65		08-Jul-2006	11:59:19	4.36	38	105
20-Apr-2006	23:59:19	1.66	26	26				30-May-2006	11:59:19	-11.44	66	66		08-Jul-2006	23:59:19	3.95	38	105
21-Apr-2006	11:59:19	1.25	27	27				30-May-2006	23:59:19	-11.18	66	66		09-Jul-2006	11:59:19	3.67	39	106
21-Apr-2006	23:59:19	1.6	27	27				31-May-2006	11:59:19	-12.25	67	67		09-Jul-2006	23:59:19	3.55	39	106
22-Apr-2006	11:59:19	5.17	28	28				31-May-2006	23:59:19	-12.47	67	67		10-Jul-2006	11:59:19	3.13	40	107
22-Apr-2006	23:59:19	3.59	28	28				01-Jun-2006	11:59:19	-14.67	68	68		10-Jul-2006	23:59:19	2.93	40	107
23-Apr-2006	11:59:19	2.93	29	29				01-Jun-2006	23:59:19	3.97	1	68		11-Jul-2006	11:59:19	2.74	41	108
23-Apr-2006	23:59:19	2.69	29	29				02-Jun-2006	11:59:19	1.55	2	69		11-Jul-2006	23:59:19	2.74	41	108
24-Apr-2006	11:59:19	2.35	30	30				02-Jun-2006	23:59:19	6.25	2	69		12-Jul-2006	11:59:19	3	42	109
24-Apr-2006	23:59:19	2.08	30	30				03-Jun-2006	11:59:19	3.3	3	70		12-Jul-2006	23:59:19	2.97	42	109
25-Apr-2006	11:59:19	1.81	31	31				03-Jun-2006	23:59:19	2.01	3	70		13-Jul-2006	11:59:19	2.9	43	110
25-Apr-2006	23:59:19	6.03	31	31				04-Jun-2006	11:59:19	0.97	4	71		13-Jul-2006	23:59:19	3.31	43	110
26-Apr-2006	11:59:19	3.71	32	32				04-Jun-2006	23:59:19	1.97	4	71		14-Jul-2006	11:59:19	3.14	44	111
26-Apr-2006	23:59:19	4.51	32	32				05-Jun-2006	11:59:19	0.75	5	72		14-Jul-2006	23:59:19	3.3	44	111
27-Apr-2006	11:59:19	5.8	33	33				05-Jun-2006	23:59:19	0.53	5	72		15-Jul-2006	11:59:19	3.07	45	112
27-Apr-2006	23:59:19	4.29	33	33				06-Jun-2006	11:59:19	-0.29	6	73		15-Jul-2006	23:59:19	3.1	45	112
28-Apr-2006	11:59:19	4.24	34	34				06-Jun-2006	23:59:19	-0.5	6	73		16-Jul-2006	11:59:19	3.04	46	113
28-Apr-2006	23:59:19	3.59	34	34				07-Jun-2006	11:59:19	-1.63	7	74		16-Jul-2006	23:59:19	2.53	46	113
29-Apr-2006	11:59:19	3.34	35	35				07-Jun-2006	23:59:19	-2.81	7	74		17-Jul-2006	11:59:19	2.5	47	114
29-Apr-2006	23:59:19	3.05	35	35				08-Jun-2006	11:59:19	-3.79	8	75		17-Jul-2006	23:59:19	1.36	47	114
30-Apr-2006	11:59:19	2.9	36	36				08-Jun-2006	23:59:19	-3.73	8	75		18-Jul-2006	11:59:19	1.44	48	115
30-Apr-2006	23:59:19	2.68	36	36				09-Jun-2006	11:59:19	-5.16	9	76		18-Jul-2006	23:59:19	1.08	48	115
01-May-2006	11:59:19	2.4	37	37				09-Jun-2006	23:59:19	-5.99	9	76		19-Jul-2006	11:59:19	1.08	49	116
01-May-2006	23:59:19	2.13	37	37				10-Jun-2006	11:59:19	-8.33	10	77		19-Jul-2006	23:59:19	0.48	49	116
02-May-2006	11:59:19	2.07	38	38				10-Jun-2006	23:59:19	-9.06	10	77		20-Jul-2006	11:59:19	0.69	50	117
02-May-2006	23:59:19	2	38	38				11-Jun-2006	11:59:19	2.77	11	78		20-Jul-2006	23:59:19	1.1	50	117
03-May-2006	11:59:19	1.48	39	39				11-Jun-2006	23:59:19	3.17	11	78		21-Jul-2006	11:59:19	0.15	51	118
03-May-2006	23:59:19	1.32	39	39				12-Jun-2006	11:59:19	4.09	12	79		21-Jul-2006	23:59:19	0.73	51	118
04-May-2006	11:59:19	1.08	40	40				12-Jun-2006	23:59:19	2.51	12	79		22-Jul-2006	11:59:19	1.75	52	119
04-May-2006	23:59:19	1.2	40	40				13-Jun-2006	11:59:19	1.45	13	80		22-Jul-2006	23:59:19	5.19	52	119
05-May-2006	11:59:19	1.15	41	41				13-Jun-2006	23:59:19	1.18	13	80		23-Jul-2006	11:59:19	5.51	53	120
05-May-2006	23:59:19	2.08	41	41				14-Jun-2006	11:59:19	7.85	14	81		23-Jul-2006	23:59:19	3.99	53	120
06-May-2006	11:59:19	1.35	42	42				14-Jun-2006	23:59:19	5.41	14	81		24-Jul-2006	11:59:19	3.39	54	121
06-May-2006	23:59:19	1.12	42	42				15-Jun-2006	11:59:19	3.35	15	82		24-Jul-2006	23:59:19	3.2	54	121
07-May-2006	11:59:19	2.35	43	43				15-Jun-2006	23:59:19	2.38	15	82		25-Jul-2006	11:59:19	3.24	55	122
07-May-2006	23:59:19	5.06	43	43				16-Jun-2006	11:59:19	1.59	16	83		25-Jul-2006	23:59:19	5.52	55	122
08-May-2006	11:59:19	3.5	44	44				16-Jun-2006	23:59:19	1.1	16	83		26-Jul-2006	11:59:19	4.37	56	123
08-May-2006	23:59:19	3.03	44	44				17-Jun-2006	11:59:19	0.45	17	84		26-Jul-2006	23:59:19	4.03	56	123
09-May-2006	11:59:19	2.55	45	45				17-Jun-2006	23:59:19	0.48	17	84		27-Jul-2006	11:59:19	3.54	57	124
09-May-2006	23:59:19	2.42	45	45				18-Jun-2006	11:59:19	-0.14	18	85		27-Jul-2006	23:59:19	3.74	57	124
10-May-2006	11:59:19	2	46	46				18-Jun-2006	23:59:19	-0.49	18	85		28-Jul-2006	11:59:19	3.1	58	125
10-May-2006	23:59:19	2.06	46	46				19-Jun-2006	11:59:19	-0.74	19	86		28-Jul-2006	23:59:19	6.42	58	125
11-May-2006	11:59:19	1.81	47	47				19-Jun-2006	23:59:19	-0.71	19	86		29-Jul-2006	11:59:19	5.71	59	126
11-May-2006	23:59:19	1.61	47	47				20-Jun-2006	11:59:19	-1.29	20	87		29-Jul-2006	23:59:19	4.52	59	126
12-May-2006	11:59:19	1.12	48	48				20-Jun-2006	23:59:19	-1.43	20	87		30-Jul-2006	11:59:19	3.9	60	127
12-May-2006	23:59:19	1.11	48	48				21-Jun-2006	11:59:19	-3.03	21	88		30-Jul-2006	23:59:19	3.7	60	127
13-May-2006	11:59:19	0.36	49	49				21-Jun-2006	23:59:19	-3.59	21	88		31-Jul-2006	11:59:19	3.37	61	128
13-May-2006	23:59:19	0.17	49	49				22-Jun-2006	11:59:19	-3.23	22	89		31-Jul-2006	23:59:19	3.1	61	128
14-May-2006	11:59:19	1.58	50	50				22-Jun-2006	23:59:19	-2.83	22	89		01-Aug-2006	11:59:19	2.81	62	129
14-May-2006	23:59:19	4.08	50	50				23-Jun-2006	11:59:19	-4.99	23	90		01-Aug-2006	23:59:19	2.68	62	129
15-May-2006	11:59:19	2.86	51	51				23-Jun-2006	23:59:19	3.27	23	90		02-Aug-2006	11:59:19	2.96	63	130
15-May-2006	23:59:19	2.75	51	51				24-Jun-2006	11:59:19	1.58	24	91		02-Aug-2006	23:59:19	3.16	63	130
16-May-2006	11:59:19	2.33	52	52				24-Jun-2006	23:59:19	0.96	24	91		03-Aug-2006	11:59:19	3.22	64	131
16-May-2006	23:59:19	2.08	52	52				25-Jun-2006	11:59:19	4.03	25	92		03-Aug-2006	23:59:19	3.52	64	131
17-May-2006	11:59:19	1.68	53	53				25-Jun-2006	23:59:19	4.9	25	92		04-Aug-2006	11:59:19	3.7	65	132
17-May-2006	23:59:19	1.4	53	53				26-Jun-2006	11:59:19	3.76	26	93		04-Aug-2006	23:59:19	3.36	65	132
18-May-2006	11:59:19	0.97	54	54				26-Jun-2006	23:59:19	12.1	26	93		05-Aug-2006	11:59:19	2.95	66	133
18-May-2006	23:59:19	0.81	54	54				27-Jun-2006	11:59:19	8.33	27	94		05-Aug-2006	23:59:19	2.87	66	133
19-May-2006	11:59:19	0.1	55	55				27-Jun-2006	23:59:19	7.55	27	94		06-Aug-2006	11:59:19	3.02	67	134
19-May-2006	23:59:19	-0.63	55	55				28-Jun-2006	11:59:19	6.09	28	95		06-Aug-2006	23:59:19	3.11	67	134
20-May-2006	11:59:19	0.3	56	56				28-Jun-2006	23:59:19	5.21	28	95		07-Aug-2006	11:59:19	3.19	68	135
20-May-2006	23:59:19	-0.64	56	56				29-Jun-2006	11:59:19	4.16	29	96		07-Aug-2006	23:59:19	4.23	68	135</td

Page 3 Gauge 8														
(continued)				(continued)						(continued)				
Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD
15-Aug-2006	23:59:19	7.14	76	143	24-Sep-2006	11:59:19	8.07	116	183	02-Nov-2006	23:59:19	4.32	155	222
16-Aug-2006	11:59:19	6.36	77	144	24-Sep-2006	23:59:19	8.68	116	183	03-Nov-2006	11:59:19	4.38	156	223
16-Aug-2006	23:59:19	6.65	77	144	25-Sep-2006	11:59:19	7.81	117	184	03-Nov-2006	23:59:19	4.33	156	223
17-Aug-2006	11:59:19	6.66	78	145	25-Sep-2006	23:59:19	7.29	117	184	04-Nov-2006	11:59:19	4.37	157	224
17-Aug-2006	23:59:19	6.79	78	145	26-Sep-2006	11:59:19	6.76	118	185	04-Nov-2006	23:59:19	4.39	157	224
18-Aug-2006	11:59:19	7.29	79	146	26-Sep-2006	23:59:19	7.05	118	185	05-Nov-2006	11:59:19	4.38	158	225
18-Aug-2006	23:59:19	7.98	79	146	27-Sep-2006	11:59:19	7.2	119	186	05-Nov-2006	23:59:19	4.42	158	225
19-Aug-2006	11:59:19	8.4	80	147	27-Sep-2006	23:59:19	7.45	119	186	06-Nov-2006	11:59:19	4.37	159	226
19-Aug-2006	23:59:19	9.44	80	147	28-Sep-2006	11:59:19	8.64	120	187	06-Nov-2006	23:59:19	4.53	159	226
20-Aug-2006	11:59:19	9.52	81	148	28-Sep-2006	23:59:19	8.46	120	187	07-Nov-2006	11:59:19	5.31		
20-Aug-2006	23:59:19	9.5	81	148	29-Sep-2006	11:59:19	6.75	121	188	07-Nov-2006	23:59:19	7.62		
21-Aug-2006	11:59:19	8.99	82	149	29-Sep-2006	23:59:19	5.79	121	188	08-Nov-2006	11:59:19	6.99		
21-Aug-2006	23:59:19	9.57	82	149	30-Sep-2006	11:59:19	5.57	122	189	08-Nov-2006	23:59:19	6.2		
22-Aug-2006	11:59:19	10.03	83	150	30-Sep-2006	23:59:19	5.83	122	189	09-Nov-2006	11:59:19	5.82		
22-Aug-2006	23:59:19	10.65	83	150	01-Oct-2006	11:59:19	4.92	123	190					
23-Aug-2006	11:59:19	11.32	84	151	01-Oct-2006	23:59:19	4.62	123	190					
23-Aug-2006	23:59:19	11.8	84	151	02-Oct-2006	11:59:19	4.4	124	191					
24-Aug-2006	11:59:19	12.22	85	152	02-Oct-2006	23:59:19	4.56	124	191					
24-Aug-2006	23:59:19	11.78	85	152	03-Oct-2006	11:59:19	4.07	125	192					
25-Aug-2006	11:59:19	7.03	86	153	03-Oct-2006	23:59:19	4.14	125	192					
25-Aug-2006	23:59:19	6.18	86	153	04-Oct-2006	11:59:19	3.74	126	193					
26-Aug-2006	11:59:19	5.49	87	154	04-Oct-2006	23:59:19	3.91	126	193					
26-Aug-2006	23:59:19	5.11	87	154	05-Oct-2006	11:59:19	3.65	127	194					
27-Aug-2006	11:59:19	5.14	88	155	05-Oct-2006	23:59:19	4.36	127	194					
27-Aug-2006	23:59:19	5.89	88	155	06-Oct-2006	11:59:19	4.67	128	195					
28-Aug-2006	11:59:19	6.54	89	156	06-Oct-2006	23:59:19	4.67	128	195					
28-Aug-2006	23:59:19	7.33	89	156	07-Oct-2006	11:59:19	4.66	129	196					
29-Aug-2006	11:59:19	7.95	90	157	07-Oct-2006	23:59:19	5.47	129	196					
29-Aug-2006	23:59:19	8.51	90	157	08-Oct-2006	11:59:19	6.55	130	197					
30-Aug-2006	11:59:19	8.51	91	158	08-Oct-2006	23:59:19	5.7	130	197					
30-Aug-2006	23:59:19	8.73	91	158	09-Oct-2006	11:59:19	5.22	131	198					
31-Aug-2006	11:59:19	8.72	92	159	09-Oct-2006	23:59:19	5.09	131	198					
31-Aug-2006	23:59:19	9.44	92	159	10-Oct-2006	11:59:19	4.83	132	199					
01-Sep-2006	11:59:19	10.04	93	160	10-Oct-2006	23:59:19	4.83	132	199					
01-Sep-2006	23:59:19	9.15	93	160	11-Oct-2006	11:59:19	4.79	133	200					
02-Sep-2006	11:59:19	8.61	94	161	11-Oct-2006	23:59:19	5.53	133	200					
02-Sep-2006	23:59:19	7.61	94	161	12-Oct-2006	11:59:19	5.18	134	201					
03-Sep-2006	11:59:19	7.11	95	162	12-Oct-2006	23:59:19	4.64	134	201					
03-Sep-2006	23:59:19	7.29	95	162	13-Oct-2006	11:59:19	4.31	135	202					
04-Sep-2006	11:59:19	6.53	96	163	13-Oct-2006	23:59:19	4.1	135	202					
04-Sep-2006	23:59:19	7.51	96	163	14-Oct-2006	11:59:19	4.02	136	203					
05-Sep-2006	11:59:19	8.47	97	164	14-Oct-2006	23:59:19	3.78	136	203					
05-Sep-2006	23:59:19	8.32	97	164	15-Oct-2006	11:59:19	3.6	137	204					
06-Sep-2006	11:59:19	8.01	98	165	15-Oct-2006	23:59:19	3.68	137	204					
06-Sep-2006	23:59:19	7.96	98	165	16-Oct-2006	11:59:19	3.29	138	205					
07-Sep-2006	11:59:19	7.31	99	166	16-Oct-2006	23:59:19	3.41	138	205					
07-Sep-2006	23:59:19	7.91	99	166	17-Oct-2006	11:59:19	6	139	206					
08-Sep-2006	11:59:19	7.4	100	167	17-Oct-2006	23:59:19	7.24	139	206					
08-Sep-2006	23:59:19	7.64	100	167	18-Oct-2006	11:59:19	5.95	140	207					
09-Sep-2006	11:59:19	7.53	101	168	18-Oct-2006	23:59:19	5.39	140	207					
09-Sep-2006	23:59:19	7.46	101	168	19-Oct-2006	11:59:19	5.2	141	208					
10-Sep-2006	11:59:19	7.33	102	169	19-Oct-2006	23:59:19	5.32	141	208					
10-Sep-2006	23:59:19	6.95	102	169	20-Oct-2006	11:59:19	5.57	142	209					
11-Sep-2006	11:59:19	5.99	103	170	20-Oct-2006	23:59:19	4.9	142	209					
11-Sep-2006	23:59:19	5.97	103	170	21-Oct-2006	11:59:19	4.67	143	210					
12-Sep-2006	11:59:19	6.2	104	171	21-Oct-2006	23:59:19	4.73	143	210					
12-Sep-2006	23:59:19	7.64	104	171	22-Oct-2006	11:59:19	4.96	144	211					
13-Sep-2006	11:59:19	8.6	105	172	22-Oct-2006	23:59:19	4.92	144	211					
13-Sep-2006	23:59:19	10.65	105	172	23-Oct-2006	11:59:19	4.63	145	212					
14-Sep-2006	11:59:19	10.04	106	173	23-Oct-2006	23:59:19	4.46	145	212					
14-Sep-2006	23:59:19	9.14	106	173	24-Oct-2006	11:59:19	4.17	146	213					
15-Sep-2006	11:59:19	8.24	107	174	24-Oct-2006	23:59:19	4.1	146	213					
15-Sep-2006	23:59:19	7.91	107	174	25-Oct-2006	11:59:19	3.95	147	214					
16-Sep-2006	11:59:19	7.48	108	175	25-Oct-2006	23:59:19	4.04	147	214					
16-Sep-2006	23:59:19	7.63	108	175	26-Oct-2006	11:59:19	3.88	148	215					
17-Sep-2006	11:59:19	8.04	109	176	26-Oct-2006	23:59:19	4.1	148	215					
17-Sep-2006	23:59:19	8.64	109	176	27-Oct-2006	11:59:19	4.48	149	216					
18-Sep-2006	11:59:19	8.85	110	177	27-Oct-2006	23:59:19	7.5	149	216					
18-Sep-2006	23:59:19	10.21	110	177	28-Oct-2006	11:59:19	6.44	150	217					
19-Sep-2006	11:59:19	10.84	111	178	28-Oct-2006	23:59:19	5.68	150	217					
19-Sep-2006	23:59:19	10.14	111	178	29-Oct-2006	11:59:19	5.23	151	218					
20-Sep-2006	11:59:19	9.4	112	179	29-Oct-2006	23:59:19	5.02	151	218					
20-Sep-2006	23:59:19	7.67	112	179	30-Oct-2006	11:59:19	4.88	152	219					
21-Sep-2006	11:59:19	6.54	113	180	30-Oct-2006	23:59:19	4.96	152	219					
21-Sep-2006	23:59:19	5.93	113	180	31-Oct-2006	11:59:19	4.73	153	220					
22-Sep-2006	11:59:19	5.53	114	181	31-Oct-2006	23:59:19	4.77	153	220					
22-Sep-2006	23:59:19	6.08	114	181	01-Nov-2006	11:59:19	4.54	154	221					
23-Sep-2006	11:59:19	6.22	115	182	01-Nov-2006	23:59:19	4.7	154	221					
23-Sep-2006	23:59:19	7	115	182	02-Nov-2006	11:59:19	4.52	155	222					



Gauge: Reference BH

Data Acquired: November 9, 2006

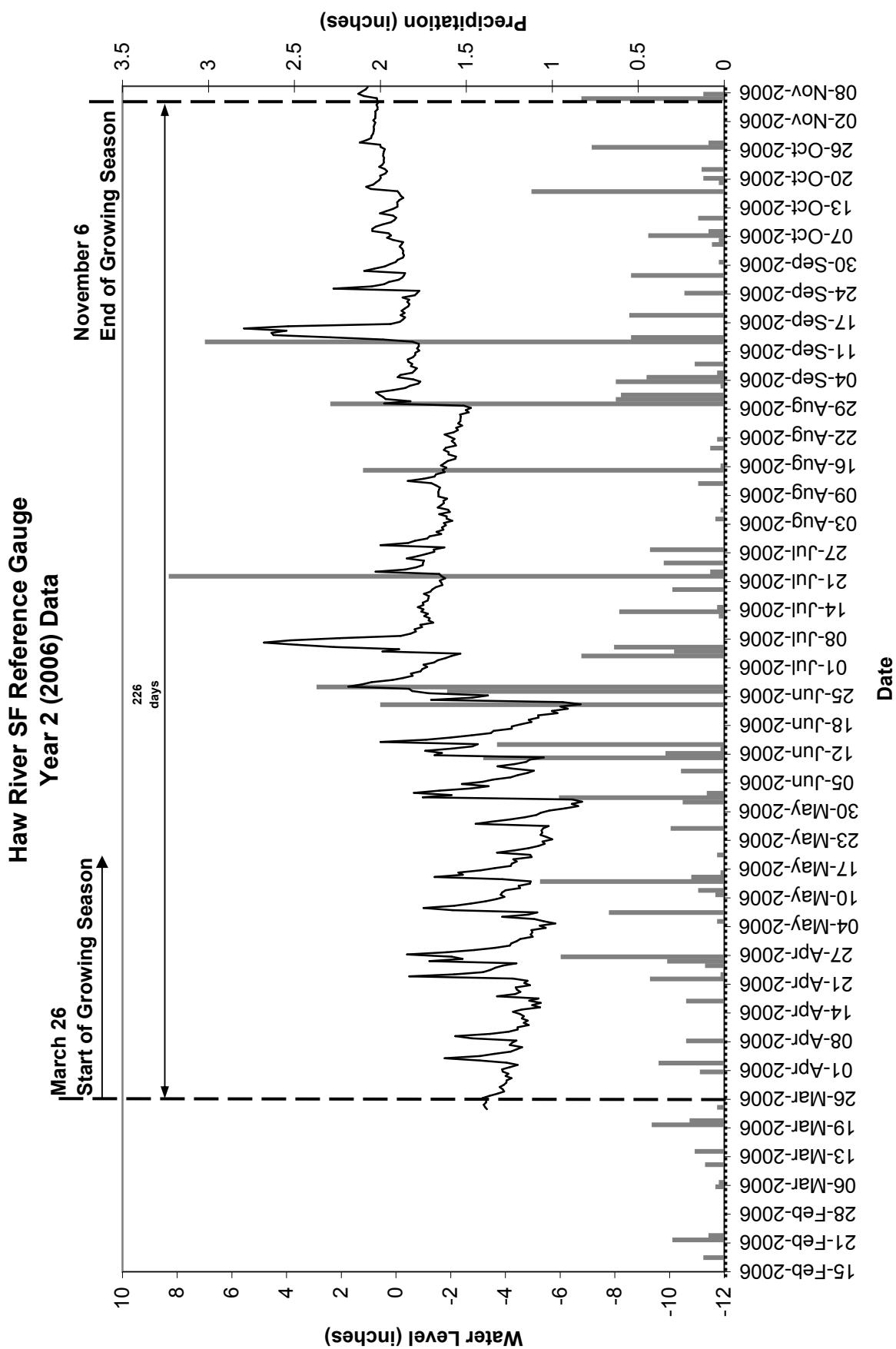
Serial Number: N43D7425

CD: Consecutive Days Saturation (within 12 inches of the soil surface) During the Growing Season

JD: Days During the Growing Season

					(continued)					(continued)				
Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD
23-Mar-2006	12:00:00	-11.15			28-Apr-2006	12:00:00	-9.19	3	34	03-Jun-2006	12:00:00	-6.99	2	70
24-Mar-2006	00:00:00	-11.02			29-Apr-2006	00:00:00	-10.8	4	35	04-Jun-2006	00:00:00	-9.2	3	71
24-Mar-2006	12:00:00	-11.18			29-Apr-2006	12:00:00	-11.72	4	35	04-Jun-2006	12:00:00	-10.29	3	71
25-Mar-2006	00:00:00	-11.38			30-Apr-2006	00:00:00	-12.78	36		05-Jun-2006	00:00:00	-9.98	4	72
25-Mar-2006	12:00:00	-11.5			30-Apr-2006	12:00:00	-13.07	36		05-Jun-2006	12:00:00	-11.17	4	72
26-Mar-2006	00:00:00	-11.11	1	1	01-May-2006	00:00:00	-13.89	37		06-Jun-2006	00:00:00	-12.19		73
26-Mar-2006	12:00:00	-11.61	1	1	01-May-2006	12:00:00	-14.08	37		06-Jun-2006	12:00:00	-12.96		73
27-Mar-2006	00:00:00	-11.96	2	2	02-May-2006	00:00:00	-14.82	38		07-Jun-2006	00:00:00	-14.02		74
27-Mar-2006	12:00:00	-12.17	2		02-May-2006	12:00:00	-14.69	38		07-Jun-2006	12:00:00	-14.55		74
28-Mar-2006	00:00:00	-12.26		3	03-May-2006	00:00:00	-15.35	39		08-Jun-2006	00:00:00	-15.63		75
28-Mar-2006	12:00:00	-12.1		3	03-May-2006	12:00:00	-15.52	39		08-Jun-2006	12:00:00	-15.65		75
29-Mar-2006	00:00:00	-12.38		4	04-May-2006	00:00:00	-16.23	40		09-Jun-2006	00:00:00	-15.69		76
29-Mar-2006	12:00:00	-12.49		4	04-May-2006	12:00:00	-16.24	40		09-Jun-2006	12:00:00	-16.05		76
30-Mar-2006	00:00:00	-12.71		5	05-May-2006	00:00:00	-16.86	41		10-Jun-2006	00:00:00	-17.07		77
30-Mar-2006	12:00:00	-12.74		5	05-May-2006	12:00:00	-16.45	41		10-Jun-2006	12:00:00	-17.06		77
31-Mar-2006	00:00:00	-12.74		6	06-May-2006	00:00:00	-15.14	42		11-Jun-2006	00:00:00	-17.16		78
31-Mar-2006	12:00:00	-12.76		6	06-May-2006	12:00:00	-15.14	42		11-Jun-2006	12:00:00	-10.13	1	78
01-Apr-2006	00:00:00	-12.64		7	07-May-2006	00:00:00	-16.66	43		12-Jun-2006	00:00:00	-9.72	2	79
01-Apr-2006	12:00:00	-12.26		7	07-May-2006	12:00:00	-15.14	43		12-Jun-2006	12:00:00	-6.8	2	79
02-Apr-2006	00:00:00	-13.19		8	08-May-2006	00:00:00	-7.2	1	44	13-Jun-2006	00:00:00	-8.62	3	80
02-Apr-2006	12:00:00	-13.27		8	08-May-2006	12:00:00	-8.15	1	44	13-Jun-2006	12:00:00	-9.89	3	80
03-Apr-2006	00:00:00	-13.29		9	09-May-2006	00:00:00	-9.17	2	45	14-Jun-2006	00:00:00	-11.37	4	81
03-Apr-2006	12:00:00	-11.78	1	9	09-May-2006	12:00:00	-9.93	2	45	14-Jun-2006	12:00:00	-2.51	4	81
04-Apr-2006	00:00:00	-9.1	2	10	10-May-2006	00:00:00	-11.14	3	46	15-Jun-2006	00:00:00	-5.73	5	82
04-Apr-2006	12:00:00	-10.34	2	10	10-May-2006	12:00:00	-11.58	3	46	15-Jun-2006	12:00:00	-7.5	5	82
05-Apr-2006	00:00:00	-11.44	3	11	11-May-2006	00:00:00	-12.22	47		16-Jun-2006	00:00:00	-9.28	6	83
05-Apr-2006	12:00:00	-12.09		11	11-May-2006	12:00:00	-12.12	47		16-Jun-2006	12:00:00	-10.42	6	83
06-Apr-2006	00:00:00	-13.06		12	12-May-2006	00:00:00	-13.04	48		17-Jun-2006	00:00:00	-12.1		84
06-Apr-2006	12:00:00	-13.28		12	12-May-2006	12:00:00	-13.45	48		17-Jun-2006	12:00:00	-12.99		84
07-Apr-2006	00:00:00	-13.4		13	13-May-2006	00:00:00	-14.4	49		18-Jun-2006	00:00:00	-14.33		85
07-Apr-2006	12:00:00	-13.28		13	13-May-2006	12:00:00	-14.63	49		18-Jun-2006	12:00:00	-14.98		85
08-Apr-2006	00:00:00	-13.93		14	14-May-2006	00:00:00	-15.51	50		19-Jun-2006	00:00:00	-16.15		86
08-Apr-2006	12:00:00	-11.38	1	14	14-May-2006	12:00:00	-14.74	50		19-Jun-2006	12:00:00	-16.48		86
09-Apr-2006	00:00:00	-9.35	2	15	15-May-2006	00:00:00	-7.9	1	51	20-Jun-2006	00:00:00	-17.18		87
09-Apr-2006	12:00:00	-10.43	2	15	15-May-2006	12:00:00	-8.92	1	51	20-Jun-2006	12:00:00	-17.23		87
10-Apr-2006	00:00:00	-11.78	3	16	16-May-2006	00:00:00	-9.78	2	52	21-Jun-2006	00:00:00	-17.24		88
10-Apr-2006	12:00:00	-12.43		16	16-May-2006	12:00:00	-10.63	2	52	21-Jun-2006	12:00:00	-17.3		88
11-Apr-2006	00:00:00	-13.11		17	17-May-2006	00:00:00	-11.96	3	53	22-Jun-2006	00:00:00	-17.3		89
11-Apr-2006	12:00:00	-13.33		17	17-May-2006	12:00:00	-12.59	53		22-Jun-2006	12:00:00	-17.35		89
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12-Apr-2006	12:00:00	-13.81		18	18-May-2006	12:00:00	-13.98	54		23-Jun-2006	12:00:00	-17.34		90
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14-Apr-2006	00:00:00	-14.29		20	20-May-2006	00:00:00	-16.09	56		25-Jun-2006	00:00:00	-14.78		92
14-Apr-2006	12:00:00	-13.62		20	20-May-2006	12:00:00	-14.78	56		25-Jun-2006	12:00:00	-8.57	1	92
15-Apr-2006	00:00:00	-14.56		21	21-May-2006	00:00:00	-16.12	57		26-Jun-2006	00:00:00	-5.06	2	93
15-Apr-2006	12:00:00	-14.82		21	21-May-2006	12:00:00	-16.24	57		26-Jun-2006	12:00:00	-5.31	2	93
16-Apr-2006	00:00:00	-15.53		22	22-May-2006	00:00:00	-17.15	58		27-Jun-2006	00:00:00	-1.16	3	94
16-Apr-2006	12:00:00	-15.59		22	22-May-2006	12:00:00	-17.12	58		27-Jun-2006	12:00:00	-1.5	3	94
17-Apr-2006	00:00:00	-15.71		23	23-May-2006	00:00:00	-17.29	59		28-Jun-2006	00:00:00	-3.17	4	95
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18-Apr-2006	00:00:00	-12.86		24	24-May-2006	00:00:00	-17.19	60		29-Jun-2006	00:00:00	-7.24	5	96
18-Apr-2006	12:00:00	-13.11		24	24-May-2006	12:00:00	-17.18	60		29-Jun-2006	12:00:00	-8.29	5	96
19-Apr-2006	00:00:00	-14.21		25	25-May-2006	00:00:00	-17.18	61		30-Jun-2006	00:00:00	-9.57	6	97
19-Apr-2006	12:00:00	-13.91		25	25-May-2006	12:00:00	-17.19	61		30-Jun-2006	12:00:00	-10.39	6	97
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24-Apr-2006	12:00:00	-11.48	3	30	30-May-2006	12:00:00	-17.15	66		05-Jul-2006	12:00:00	-7.01	1	102
25-Apr-2006	00:00:00	-12.42		31	31-May-2006	00:00:00	-17.13	67		06-Jul-2006	00:00:00	1.11	2	103
25-Apr-2006	12:00:00	-12.86		31	31-May-2006	12:00:00	-17.13	67		06-Jul-2006	12:00:00	0.28	2	103
26-Apr-2006	00:00:00	-9.63	1	32	01-Jun-2006	00:00:00	-17.14	68		07-Jul-2006	00:00:00	-4.12	3	104
26-Apr-2006	12:00:00	-10.09	1	32	01-Jun-2006	12:00:00	-17.13	68		07-Jul-2006	12:00:00	-5.72	3	104
27-Apr-2006	00:00:00	-8.48	2	33	02-Jun-2006	00:00:00	-5.68	1	69	08-Jul-2006	00:00:00	-6.81	4	105
27-Apr-2006	12:00:00	-5.35	2	33	02-Jun-2006	12:00:00	-7.41	1	69	08-Jul-2006	12:00:00	-7.94	4	105
28-Apr-2006	00:00:00	-7.59	3	34	03-Jun-2006	00:00:00	-5.12	2	70	09-Jul-2006	00:00:00	-9.25	5	106

Page 2 Gauge Reference BH				(continued)				(continued)				(continued)				
Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD	
09-Jul-2006	12:00:00	-9.93	5	106	18-Aug-2006	00:00:00	-17.42	146	26-Sep-2006	12:00:00	-8.19	2	185			
10-Jul-2006	00:00:00	-10.92	6	107	18-Aug-2006	12:00:00	-17.48	146	27-Sep-2006	00:00:00	-9.19	3	186			
10-Jul-2006	12:00:00	-11.57	6	107	19-Aug-2006	00:00:00	-17.46	147	27-Sep-2006	12:00:00	-9.67	3	186			
11-Jul-2006	00:00:00	-12.64		108	19-Aug-2006	12:00:00	-17.49	147	28-Sep-2006	00:00:00	-10.41	4	187			
11-Jul-2006	12:00:00	-13.2		108	20-Aug-2006	00:00:00	-17.48	148	28-Sep-2006	12:00:00	-10.78	4	187			
12-Jul-2006	00:00:00	-13.95		109	20-Aug-2006	12:00:00	-17.49	148	29-Sep-2006	00:00:00	-4.01	5	188			
12-Jul-2006	12:00:00	-14.31		109	21-Aug-2006	00:00:00	-17.49	149	29-Sep-2006	12:00:00	-6.66	5	188			
13-Jul-2006	00:00:00	-15.17		110	21-Aug-2006	12:00:00	-17.52	149	30-Sep-2006	00:00:00	-8.18	6	189			
13-Jul-2006	12:00:00	-15.37		110	22-Aug-2006	00:00:00	-17.5	150	30-Sep-2006	12:00:00	-8.7	6	189			
14-Jul-2006	00:00:00	-15.77		111	22-Aug-2006	12:00:00	-17.51	150	01-Oct-2006	00:00:00	-9.53	7	190			
14-Jul-2006	12:00:00	-15.51		111	23-Aug-2006	00:00:00	-17.51	151	01-Oct-2006	12:00:00	-9.9	7	190			
15-Jul-2006	00:00:00	-15.99		112	23-Aug-2006	12:00:00	-17.53	151	02-Oct-2006	00:00:00	-10.76	8	191			
15-Jul-2006	12:00:00	-15.48		112	24-Aug-2006	00:00:00	-17.51	152	02-Oct-2006	12:00:00	-11.16	8	191			
16-Jul-2006	00:00:00	-16.37		113	24-Aug-2006	12:00:00	-17.53	152	03-Oct-2006	00:00:00	-11.58	9	192			
16-Jul-2006	12:00:00	-16.22		113	25-Aug-2006	00:00:00	-17.51	153	03-Oct-2006	12:00:00	-11.86	9	192			
17-Jul-2006	00:00:00	-17.19		114	25-Aug-2006	12:00:00	-17.56	153	04-Oct-2006	00:00:00	-12.03		193			
17-Jul-2006	12:00:00	-17.07		114	26-Aug-2006	00:00:00	-17.53	154	04-Oct-2006	12:00:00	-12.1		193			
18-Jul-2006	00:00:00	-17.28		115	26-Aug-2006	12:00:00	-17.56	154	05-Oct-2006	00:00:00	-12.36		194			
18-Jul-2006	12:00:00	-17.34		115	27-Aug-2006	00:00:00	-17.54	155	05-Oct-2006	12:00:00	-12.38		194			
19-Jul-2006	00:00:00	-17.35		116	27-Aug-2006	12:00:00	-17.58	155	06-Oct-2006	00:00:00	-11.99	1	195			
19-Jul-2006	12:00:00	-17.4		116	28-Aug-2006	00:00:00	-17.54	156	06-Oct-2006	12:00:00	-9.52	1	195			
20-Jul-2006	00:00:00	-17.4		117	28-Aug-2006	12:00:00	-17.57	156	07-Oct-2006	00:00:00	-9.92	2	196			
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21-Jul-2006	00:00:00	-17.45		118	29-Aug-2006	12:00:00	-17.57	157	08-Oct-2006	00:00:00	-7.37	3	197			
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22-Jul-2006	00:00:00	-17.45		119	30-Aug-2006	12:00:00	-13.14	158	09-Oct-2006	00:00:00	-7.57	4	198			
22-Jul-2006	12:00:00	-17.45		119	31-Aug-2006	00:00:00	-8.03	1	159	09-Oct-2006	12:00:00	-8.49	4	198		
23-Jul-2006	00:00:00	-4.6	1	120	31-Aug-2006	12:00:00	-5.69	1	159	10-Oct-2006	00:00:00	-9.45	5	199		
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24-Jul-2006	00:00:00	-9.15	2	121	01-Sep-2006	12:00:00	-5.03	2	160	11-Oct-2006	00:00:00	-10.55	6	200		
24-Jul-2006	12:00:00	-10.24	2	121	02-Sep-2006	00:00:00	-7.26	3	161	11-Oct-2006	12:00:00	-10.2	6	200		
25-Jul-2006	00:00:00	-11.59	3	122	02-Sep-2006	12:00:00	-8.76	3	161	12-Oct-2006	00:00:00	-8.26	7	201		
25-Jul-2006	12:00:00	-11.58	3	122	03-Sep-2006	00:00:00	-9.99	4	162	12-Oct-2006	12:00:00	-9.65	7	201		
26-Jul-2006	00:00:00	-7.55	4	123	03-Sep-2006	12:00:00	-10.68	4	162	13-Oct-2006	00:00:00	-11.16	8	202		
26-Jul-2006	12:00:00	-8.93	4	123	04-Sep-2006	00:00:00	-11.49	5	163	13-Oct-2006	12:00:00	-11.59	8	202		
27-Jul-2006	00:00:00	-10.63	5	124	04-Sep-2006	12:00:00	-11.46	5	163	14-Oct-2006	00:00:00	-11.75	9	203		
27-Jul-2006	12:00:00	-11.46	5	124	05-Sep-2006	00:00:00	-10.47	6	164	14-Oct-2006	12:00:00	-11.79	9	203		
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28-Jul-2006	12:00:00	-13.3		125	06-Sep-2006	00:00:00	-10.94	7	165	15-Oct-2006	12:00:00	-11.92	1	204		
29-Jul-2006	00:00:00	-6.91	1	126	06-Sep-2006	12:00:00	-11.32	7	165	16-Oct-2006	00:00:00	-12.01		205		
29-Jul-2006	12:00:00	-7.92	1	126	07-Sep-2006	00:00:00	-12.22		166	16-Oct-2006	12:00:00	-11.5	1	205		
30-Jul-2006	00:00:00	-9.91	2	127	07-Sep-2006	12:00:00	-11.84	1	166	17-Oct-2006	00:00:00	-11.56	2	206		
30-Jul-2006	12:00:00	-10.88	2	127	08-Sep-2006	00:00:00	-12.28		167	17-Oct-2006	12:00:00	-6.11	2	206		
31-Jul-2006	00:00:00	-12.38		128	08-Sep-2006	12:00:00	-12.25		167	18-Oct-2006	00:00:00	-4.59	3	207		
31-Jul-2006	12:00:00	-12.97		128	09-Sep-2006	00:00:00	-12.72		168	18-Oct-2006	12:00:00	-6.43	3	207		
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02-Aug-2006	00:00:00	-15.63		130	10-Sep-2006	12:00:00	-13.66		169	20-Oct-2006	00:00:00	-8.13	5	209		
02-Aug-2006	12:00:00	-15.74		130	11-Sep-2006	00:00:00	-14.13		170	20-Oct-2006	12:00:00	-8.04	5	209		
03-Aug-2006	00:00:00	-16.76		131	11-Sep-2006	12:00:00	-13.58		170	21-Oct-2006	00:00:00	-9.25	6	210		
03-Aug-2006	12:00:00	-16.66		131	12-Sep-2006	00:00:00	-14.08		171	21-Oct-2006	12:00:00	-9.76	6	210		
04-Aug-2006	00:00:00	-17.33		132	12-Sep-2006	12:00:00	-13.86		171	22-Oct-2006	00:00:00	-10.07	7	211		
04-Aug-2006	12:00:00	-17.37		132	13-Sep-2006	00:00:00	-13.79		172	22-Oct-2006	12:00:00	-9.36	7	211		
05-Aug-2006	00:00:00	-17.41		133	13-Sep-2006	12:00:00	-9.83	1	172	23-Oct-2006	00:00:00	-9.27	8	212		
05-Aug-2006	12:00:00	-17.2		133	14-Sep-2006	00:00:00	0.16	2	173	23-Oct-2006	12:00:00	-10.22	8	212		
06-Aug-2006	00:00:00	-17.38		134	14-Sep-2006	12:00:00	-3.37	2	173	24-Oct-2006	00:00:00	-10.75	9	213		
06-Aug-2006	12:00:00	-17.44		134	15-Sep-2006	00:00:00	-4.8	3	174	24-Oct-2006	12:00:00	-10.79	9	213		
07-Aug-2006	00:00:00	-17.45		135	15-Sep-2006	12:00:00	-6.08	3	174	25-Oct-2006	00:00:00	-10.96	10	214		
07-Aug-2006	12:00:00	-17.06		135	16-Sep-2006	00:00:00	-5.62	4	175	25-Oct-2006	12:00:00	-10.77	10	214		
08-Aug-2006	00:00:00	-17.34		136	16-Sep-2006	12:00:00	-6.59	4	175	26-Oct-2006	00:00:00	-10.89	11	215		
08-Aug-2006	12:00:00	-17.38		136	17-Sep-2006	00:00:00	-7.79	5	176	26-Oct-2006	12:00:00	-10.61	11	215		
09-Aug-2006	00:00:00	-17.4		137	17-Sep-2006	12:00:00	-8.59	5	176	27-Oct-2006	00:00:00	-10.45	12	216		
09-Aug-2006	12:00:00	-16.66		137	18-Sep-2006	00:00:00	-9.55	6	177	27-Oct-2006	12:00:00	-9.9	12	216		
10-Aug-2006	00:00:00	-17.26		138	18-Sep-2006	12:00:00	-10.15	6	177	28-Oct-2006	00:00:00	-2.96	13	217		
10-Aug-2006	12:00:00	-16.05		138	19-Sep-2006	00:00:00	-11.01	7	178	28-Oct-2006	12:00:00	-6.03	13	217		
11-Aug-2006	00:00:00	-17.27		139	19-Sep-2006	12:00:00	-11.24	7	178	29-Oct-2006	00:00:00	-7.8	14	218		
11-Aug-2006	12:00:00	-16.78		139	20-Sep-2006	00:00:00	-11.5	8	179	29-Oct-2006	12:00:00	-8.62	14	218		
12-Aug-2006	00:00:00	-16.12		140	20-Sep-2006	12:00:00	-11.97	8	179	30-Oct-2006	00:00:00	-9.27	15	219		
12-Aug-2006	12:00:00	-13.49		140	21-Sep-2006	00:00:00										



Gauge: Reference SF

Data Acquired: November 9, 2006

Serial Number: N43D744E

CD: Consecutive Days Saturation (within 12 inches of the soil surface) During the Growing Season

JD: Days During the Growing Season

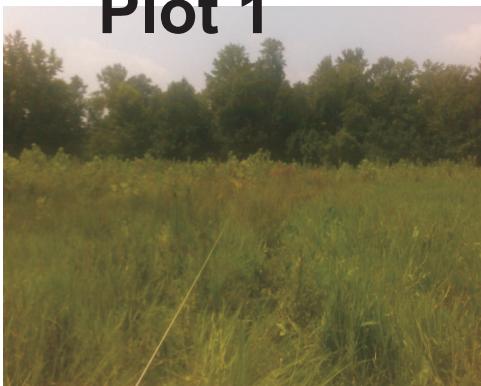
Date	Time	Water Level (inches)	CD	JD	(continued)				(continued)					
Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD
23-Mar-2006	12:00:00	-3.32			28-Apr-2006	12:00:00	-2.87	34	34	03-Jun-2006	12:00:00	-1.59	70	70
24-Mar-2006	00:00:00	-3.25			29-Apr-2006	00:00:00	-3.63	35	35	04-Jun-2006	00:00:00	-2.74	71	71
24-Mar-2006	12:00:00	-3.21			29-Apr-2006	12:00:00	-4.16	35	35	04-Jun-2006	12:00:00	-3.39	71	71
25-Mar-2006	00:00:00	-3.29			30-Apr-2006	00:00:00	-4.21	36	36	05-Jun-2006	00:00:00	-2.41	72	72
25-Mar-2006	12:00:00	-3.31			30-Apr-2006	12:00:00	-4.41	36	36	05-Jun-2006	12:00:00	-3.17	72	72
26-Mar-2006	00:00:00	-3.16	1	1	01-May-2006	00:00:00	-4.55	37	37	06-Jun-2006	00:00:00	-3.55	73	73
26-Mar-2006	12:00:00	-3.41	1	1	01-May-2006	12:00:00	-5	37	37	06-Jun-2006	12:00:00	-4.19	73	73
27-Mar-2006	00:00:00	-3.71	2	2	02-May-2006	00:00:00	-4.92	38	38	07-Jun-2006	00:00:00	-4.45	74	74
27-Mar-2006	12:00:00	-3.95	2	2	02-May-2006	12:00:00	-4.99	38	38	07-Jun-2006	12:00:00	-4.81	74	74
28-Mar-2006	00:00:00	-3.9	3	3	03-May-2006	00:00:00	-4.95	39	39	08-Jun-2006	00:00:00	-5.04	75	75
28-Mar-2006	12:00:00	-3.79	3	3	03-May-2006	12:00:00	-5.47	39	39	08-Jun-2006	12:00:00	-4.22	75	75
29-Mar-2006	00:00:00	-3.94	4	4	04-May-2006	00:00:00	-5.26	40	40	09-Jun-2006	00:00:00	-3.71	76	76
29-Mar-2006	12:00:00	-4.03	4	4	04-May-2006	12:00:00	-5.82	40	40	09-Jun-2006	12:00:00	-4.34	76	76
30-Mar-2006	00:00:00	-4.04	5	5	05-May-2006	00:00:00	-5.4	41	41	10-Jun-2006	00:00:00	-4.76	77	77
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31-Mar-2006	00:00:00	-4.01	6	6	06-May-2006	00:00:00	-3.88	42	42	11-Jun-2006	00:00:00	-5.4	78	78
31-Mar-2006	12:00:00	-4.11	6	6	06-May-2006	12:00:00	-4.83	42	42	11-Jun-2006	12:00:00	-1.41	78	78
01-Apr-2006	00:00:00	-3.9	7	7	07-May-2006	00:00:00	-5.17	43	43	12-Jun-2006	00:00:00	-1.68	79	79
01-Apr-2006	12:00:00	-3.88	7	7	07-May-2006	12:00:00	-2.07	43	43	12-Jun-2006	12:00:00	-1.07	79	79
02-Apr-2006	00:00:00	-4.17	8	8	08-May-2006	00:00:00	-1	44	44	13-Jun-2006	00:00:00	-2.05	80	80
02-Apr-2006	12:00:00	-4.45	8	8	08-May-2006	12:00:00	-2.14	44	44	13-Jun-2006	12:00:00	-2.79	80	80
03-Apr-2006	00:00:00	-4.04	9	9	09-May-2006	00:00:00	-2.74	45	45	14-Jun-2006	00:00:00	-2.99	81	81
03-Apr-2006	12:00:00	-3.05	9	9	09-May-2006	12:00:00	-3.27	45	45	14-Jun-2006	12:00:00	0.57	81	81
04-Apr-2006	00:00:00	-1.78	10	10	10-May-2006	00:00:00	-3.67	46	46	15-Jun-2006	00:00:00	-1.1	82	82
04-Apr-2006	12:00:00	-3.07	10	10	10-May-2006	12:00:00	-3.96	46	46	15-Jun-2006	12:00:00	-2	82	82
05-Apr-2006	00:00:00	-3.6	11	11	11-May-2006	00:00:00	-3.83	47	47	16-Jun-2006	00:00:00	-2.77	83	83
05-Apr-2006	12:00:00	-4.2	11	11	11-May-2006	12:00:00	-3.88	47	47	16-Jun-2006	12:00:00	-3.47	83	83
06-Apr-2006	00:00:00	-4.4	12	12	12-May-2006	00:00:00	-4.01	48	48	17-Jun-2006	00:00:00	-3.57	84	84
06-Apr-2006	12:00:00	-4.61	12	12	12-May-2006	12:00:00	-4.54	48	48	17-Jun-2006	12:00:00	-4.23	84	84
07-Apr-2006	00:00:00	-4.16	13	13	13-May-2006	00:00:00	-4.48	49	49	18-Jun-2006	00:00:00	-4.23	85	85
07-Apr-2006	12:00:00	-4.24	13	13	13-May-2006	12:00:00	-4.9	49	49	18-Jun-2006	12:00:00	-4.57	85	85
08-Apr-2006	00:00:00	-4.4	14	14	14-May-2006	00:00:00	-4.92	50	50	19-Jun-2006	00:00:00	-4.95	86	86
08-Apr-2006	12:00:00	-2.78	14	14	14-May-2006	12:00:00	-3.89	50	50	19-Jun-2006	12:00:00	-4.85	86	86
09-Apr-2006	00:00:00	-2.16	15	15	15-May-2006	00:00:00	-1.41	51	51	20-Jun-2006	00:00:00	-5.21	87	87
09-Apr-2006	12:00:00	-3.44	15	15	15-May-2006	12:00:00	-2.44	51	51	20-Jun-2006	12:00:00	-5.19	87	87
10-Apr-2006	00:00:00	-4.12	16	16	16-May-2006	00:00:00	-2.28	52	52	21-Jun-2006	00:00:00	-5.9	88	88
10-Apr-2006	12:00:00	-4.45	16	16	16-May-2006	12:00:00	-3.09	52	52	21-Jun-2006	12:00:00	-5.7	88	88
11-Apr-2006	00:00:00	-4.45	17	17	17-May-2006	00:00:00	-3.61	53	53	22-Jun-2006	00:00:00	-6.28	89	89
11-Apr-2006	12:00:00	-4.85	17	17	17-May-2006	12:00:00	-4.2	53	53	22-Jun-2006	12:00:00	-6.01	89	89
12-Apr-2006	00:00:00	-4.67	18	18	18-May-2006	00:00:00	-4.23	54	54	23-Jun-2006	00:00:00	-6.75	90	90
12-Apr-2006	12:00:00	-4.82	18	18	18-May-2006	12:00:00	-4.41	54	54	23-Jun-2006	12:00:00	-6.09	90	90
13-Apr-2006	00:00:00	-4.6	19	19	19-May-2006	00:00:00	-4.29	55	55	24-Jun-2006	00:00:00	-1.28	91	91
13-Apr-2006	12:00:00	-4.67	19	19	19-May-2006	12:00:00	-4.96	55	55	24-Jun-2006	12:00:00	-2.79	91	91
14-Apr-2006	00:00:00	-4.53	20	20	20-May-2006	00:00:00	-4.91	56	56	25-Jun-2006	00:00:00	-3.36	92	92
14-Apr-2006	12:00:00	-4.28	20	20	20-May-2006	12:00:00	-3.69	56	56	25-Jun-2006	12:00:00	-1.19	92	92
15-Apr-2006	00:00:00	-4.59	21	21	21-May-2006	00:00:00	-4.32	57	57	26-Jun-2006	00:00:00	-0.59	93	93
15-Apr-2006	12:00:00	-5.27	21	21	21-May-2006	12:00:00	-4.84	57	57	26-Jun-2006	12:00:00	-0.47	93	93
16-Apr-2006	00:00:00	-4.98	22	22	22-May-2006	00:00:00	-5.2	58	58	27-Jun-2006	00:00:00	1.75	94	94
16-Apr-2006	12:00:00	-5.29	22	22	22-May-2006	12:00:00	-5.44	58	58	27-Jun-2006	12:00:00	1.24	94	94
17-Apr-2006	00:00:00	-4.87	23	23	23-May-2006	00:00:00	-5.36	59	59	28-Jun-2006	00:00:00	0.89	95	95
17-Apr-2006	12:00:00	-5.21	23	23	23-May-2006	12:00:00	-5.72	59	59	28-Jun-2006	12:00:00	0.13	95	95
18-Apr-2006	00:00:00	-3.69	24	24	24-May-2006	00:00:00	-5.52	60	60	29-Jun-2006	00:00:00	-0.26	96	96
18-Apr-2006	12:00:00	-4.36	24	24	24-May-2006	12:00:00	-5.28	60	60	29-Jun-2006	12:00:00	-0.61	96	96
19-Apr-2006	00:00:00	-4.55	25	25	25-May-2006	00:00:00	-5.35	61	61	30-Jun-2006	00:00:00	-0.55	97	97
19-Apr-2006	12:00:00	-4.42	25	25	25-May-2006	12:00:00	-5.32	61	61	30-Jun-2006	12:00:00	-0.9	97	97
20-Apr-2006	00:00:00	-4.38	26	26	26-May-2006	00:00:00	-5.38	62	62	01-Jul-2006	00:00:00	-0.96	98	98
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21-Apr-2006	00:00:00	-4.69	27	27	27-May-2006	00:00:00	-2.91	63	63	02-Jul-2006	00:00:00	-1	99	99
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22-Apr-2006	00:00:00	-4.28	28	28	28-May-2006	00:00:00	-4.18	64	64	03-Jul-2006	00:00:00	-1.53	100	100
22-Apr-2006	12:00:00	-0.48	28	28	28-May-2006	12:00:00	-4.72	64	64	03-Jul-2006	12:00:00	-1.81	100	100
23-Apr-2006	00:00:00	-2.13	29	29	29-May-2006	00:00:00	-5.13	65	65	04-Jul-2006	00:00:00	-2.04	101	101
23-Apr-2006	12:00:00	-3.18	29	29	29-May-2006	12:00:00	-5.29	65	65	04-Jul-2006	12:00:00	-2.35	101	101
24-Apr-2006	00:00:00	-3.45	30	30	30-May-2006	00:00:00	-5.61	66	66	05-Jul-2006	00:00:00	0.5	102	102
24-Apr-2006	12:00:00	-3.63	30	30	30-May-2006	12:00:00	-6.18	66	66	05-Jul-2006	12:00:00	-0.11	102	102
25-Apr-2006	00:00:00	-3.92	31	31	31-May-2006	00:00:00	-6.66	67	67	06-Jul-2006	00:00:00	2.27	103	103
25-Apr-2006	12:00:00	-4.4	31	31	31-May-2006	12:00:00	-6.43	67	67	06-Jul-2006	12:00:00	3.63	103	103
26-Apr-2006	00:00:00	-1.22	32	32	01-Jun-2006	00:00:00	-6.8	68	68	07-Jul-2006	00:00:00	4.83	104	104
26-Apr-2006	12:00:00	-2.43	32	32	01-Jun-2006	12:00:00	-6.45	68	68	07-Jul-2006	12:00:00	3.87	104	104
27-Apr-2006	00:00:00	-2.03	33	33	02-Jun-2006	00:00:00	-0.98	69	69	08-Jul-2006	00:00:00	2.06	105	105
27-Apr-2006	12:00:00	-0.4	33	33	02-Jun-2006	12:00:								

Page 2 Gauge Reference SF															
(continued)				(continued)				(continued)							
Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD	Date	Time	Water Level (inches)	CD
09-Jul-2006	12:00:00	-0.73	106	106	18-Aug-2006	00:00:00	-2.19	146	146	26-Sep-2006	12:00:00	0.26	185	185	
10-Jul-2006	00:00:00	-0.68	107	107	18-Aug-2006	12:00:00	-1.92	146	146	27-Sep-2006	00:00:00	-0.1	186	186	
10-Jul-2006	12:00:00	-0.95	107	107	19-Aug-2006	00:00:00	-1.92	147	147	27-Sep-2006	12:00:00	-0.23	186	186	
11-Jul-2006	00:00:00	-0.89	108	108	19-Aug-2006	12:00:00	-1.75	147	147	28-Sep-2006	00:00:00	-0.29	187	187	
11-Jul-2006	12:00:00	-1.36	108	108	20-Aug-2006	00:00:00	-1.82	148	148	28-Sep-2006	12:00:00	-0.33	187	187	
12-Jul-2006	00:00:00	-1.19	109	109	20-Aug-2006	12:00:00	-2.19	148	148	29-Sep-2006	00:00:00	1.16	188	188	
12-Jul-2006	12:00:00	-1.23	109	109	21-Aug-2006	00:00:00	-2.15	149	149	29-Sep-2006	12:00:00	0.79	188	188	
13-Jul-2006	00:00:00	-1.03	110	110	21-Aug-2006	12:00:00	-2.04	149	149	30-Sep-2006	00:00:00	0.42	189	189	
13-Jul-2006	12:00:00	-1.17	110	110	22-Aug-2006	00:00:00	-2.14	150	150	30-Sep-2006	12:00:00	0.23	189	189	
14-Jul-2006	00:00:00	-0.92	111	111	22-Aug-2006	12:00:00	-1.96	150	150	01-Oct-2006	00:00:00	0.01	190	190	
14-Jul-2006	12:00:00	-1	111	111	23-Aug-2006	00:00:00	-1.78	151	151	01-Oct-2006	12:00:00	-0.06	190	190	
15-Jul-2006	00:00:00	-0.8	112	112	23-Aug-2006	12:00:00	-2.11	151	151	02-Oct-2006	00:00:00	-0.25	191	191	
15-Jul-2006	12:00:00	-1	112	112	24-Aug-2006	00:00:00	-2.26	152	152	02-Oct-2006	12:00:00	-0.29	191	191	
16-Jul-2006	00:00:00	-0.98	113	113	24-Aug-2006	12:00:00	-2.2	152	152	03-Oct-2006	00:00:00	-0.25	192	192	
16-Jul-2006	12:00:00	-1.16	113	113	25-Aug-2006	00:00:00	-2.42	153	153	03-Oct-2006	12:00:00	-0.27	192	192	
17-Jul-2006	00:00:00	-1.18	114	114	25-Aug-2006	12:00:00	-2.27	153	153	04-Oct-2006	00:00:00	-0.22	193	193	
17-Jul-2006	12:00:00	-1.2	114	114	26-Aug-2006	00:00:00	-2.35	154	154	04-Oct-2006	12:00:00	-0.13	193	193	
18-Jul-2006	00:00:00	-1.02	115	115	26-Aug-2006	12:00:00	-2.35	154	154	05-Oct-2006	00:00:00	-0.2	194	194	
18-Jul-2006	12:00:00	-1.26	115	115	27-Aug-2006	00:00:00	-2.37	155	155	05-Oct-2006	12:00:00	-0.26	194	194	
19-Jul-2006	00:00:00	-1.33	116	116	27-Aug-2006	12:00:00	-2.34	155	155	06-Oct-2006	00:00:00	0.11	195	195	
19-Jul-2006	12:00:00	-1.45	116	116	28-Aug-2006	00:00:00	-2.66	156	156	06-Oct-2006	12:00:00	0.33	195	195	
20-Jul-2006	00:00:00	-1.7	117	117	28-Aug-2006	12:00:00	-2.55	156	156	07-Oct-2006	00:00:00	0.18	196	196	
20-Jul-2006	12:00:00	-1.66	117	117	29-Aug-2006	00:00:00	-2.74	157	157	07-Oct-2006	12:00:00	0.27	196	196	
21-Jul-2006	00:00:00	-1.6	118	118	29-Aug-2006	12:00:00	-2.48	157	157	08-Oct-2006	00:00:00	0.87	197	197	
21-Jul-2006	12:00:00	-1.8	118	118	30-Aug-2006	00:00:00	0.43	158	158	08-Oct-2006	12:00:00	0.87	197	197	
22-Jul-2006	00:00:00	-1.66	119	119	30-Aug-2006	12:00:00	-0.53	158	158	09-Oct-2006	00:00:00	0.74	198	198	
22-Jul-2006	12:00:00	-1.58	119	119	31-Aug-2006	00:00:00	0.38	159	159	09-Oct-2006	12:00:00	0.49	198	198	
23-Jul-2006	00:00:00	0.75	120	120	31-Aug-2006	12:00:00	0.48	159	159	10-Oct-2006	00:00:00	0.18	199	199	
23-Jul-2006	12:00:00	-0.34	120	120	01-Sep-2006	00:00:00	0.62	160	160	10-Oct-2006	12:00:00	0.06	199	199	
24-Jul-2006	00:00:00	-0.74	121	121	01-Sep-2006	12:00:00	0.73	160	160	11-Oct-2006	00:00:00	-0.01	200	200	
24-Jul-2006	12:00:00	-0.98	121	121	02-Sep-2006	00:00:00	0.13	161	161	11-Oct-2006	12:00:00	0.11	200	200	
25-Jul-2006	00:00:00	-0.99	122	122	02-Sep-2006	12:00:00	-0.34	161	161	12-Oct-2006	00:00:00	0.59	201	201	
25-Jul-2006	12:00:00	-1.02	122	122	03-Sep-2006	00:00:00	-0.51	162	162	12-Oct-2006	12:00:00	0.35	201	201	
26-Jul-2006	00:00:00	-0.39	123	123	03-Sep-2006	12:00:00	-0.82	162	162	13-Oct-2006	00:00:00	0.11	202	202	
26-Jul-2006	12:00:00	-0.78	123	123	04-Sep-2006	00:00:00	-0.89	163	163	13-Oct-2006	12:00:00	-0.05	202	202	
27-Jul-2006	00:00:00	-1.1	124	124	04-Sep-2006	12:00:00	-0.63	163	163	14-Oct-2006	00:00:00	-0.05	203	203	
27-Jul-2006	12:00:00	-1.4	124	124	05-Sep-2006	00:00:00	-0.06	164	164	14-Oct-2006	12:00:00	-0.04	203	203	
28-Jul-2006	00:00:00	-1.38	125	125	05-Sep-2006	12:00:00	-0.16	164	164	15-Oct-2006	00:00:00	-0.12	204	204	
28-Jul-2006	12:00:00	-1.77	125	125	06-Sep-2006	00:00:00	-0.6	165	165	15-Oct-2006	12:00:00	-0.27	204	204	
29-Jul-2006	00:00:00	0.57	126	126	06-Sep-2006	12:00:00	-0.68	165	165	16-Oct-2006	00:00:00	-0.17	205	205	
29-Jul-2006	12:00:00	-0.45	126	126	07-Sep-2006	00:00:00	-0.76	166	166	16-Oct-2006	12:00:00	-0.12	205	205	
30-Jul-2006	00:00:00	-0.7	127	127	07-Sep-2006	12:00:00	-0.55	166	166	17-Oct-2006	00:00:00	-0.05	206	206	
30-Jul-2006	12:00:00	-1.14	127	127	08-Sep-2006	00:00:00	-0.59	167	167	17-Oct-2006	12:00:00	0.92	206	206	
31-Jul-2006	00:00:00	-1.23	128	128	08-Sep-2006	12:00:00	-0.45	167	167	18-Oct-2006	00:00:00	1.09	207	207	
31-Jul-2006	12:00:00	-1.65	128	128	09-Sep-2006	00:00:00	-0.43	168	168	18-Oct-2006	12:00:00	0.83	207	207	
01-Aug-2006	00:00:00	-1.48	129	129	09-Sep-2006	12:00:00	-0.62	168	168	19-Oct-2006	00:00:00	0.73	208	208	
01-Aug-2006	12:00:00	-1.73	129	129	10-Sep-2006	00:00:00	-0.7	169	169	19-Oct-2006	12:00:00	0.61	208	208	
02-Aug-2006	00:00:00	-1.68	130	130	10-Sep-2006	12:00:00	-0.71	169	169	20-Oct-2006	00:00:00	0.56	209	209	
02-Aug-2006	12:00:00	-1.82	130	130	11-Sep-2006	00:00:00	-0.85	170	170	20-Oct-2006	12:00:00	0.58	209	209	
03-Aug-2006	00:00:00	-1.75	131	131	11-Sep-2006	12:00:00	-0.77	170	170	21-Oct-2006	00:00:00	0.39	210	210	
03-Aug-2006	12:00:00	-2.06	131	131	12-Sep-2006	00:00:00	-0.83	171	171	21-Oct-2006	12:00:00	0.33	210	210	
04-Aug-2006	00:00:00	-1.85	132	132	12-Sep-2006	12:00:00	-0.83	171	171	22-Oct-2006	00:00:00	0.41	211	211	
04-Aug-2006	12:00:00	-1.85	132	132	13-Sep-2006	00:00:00	-0.61	172	172	22-Oct-2006	12:00:00	0.61	211	211	
05-Aug-2006	00:00:00	-1.58	133	133	13-Sep-2006	12:00:00	0.47	172	172	23-Oct-2006	00:00:00	0.5	212	212	
05-Aug-2006	12:00:00	-1.97	133	133	14-Sep-2006	00:00:00	2.4	173	173	23-Oct-2006	12:00:00	0.44	212	212	
06-Aug-2006	00:00:00	-1.9	134	134	14-Sep-2006	12:00:00	4.48	173	173	24-Oct-2006	00:00:00	0.45	213	213	
06-Aug-2006	12:00:00	-1.53	134	134	15-Sep-2006	00:00:00	4.55	174	174	24-Oct-2006	12:00:00	0.43	213	213	
07-Aug-2006	00:00:00	-1.64	135	135	15-Sep-2006	12:00:00	4	174	174	25-Oct-2006	00:00:00	0.47	214	214	
07-Aug-2006	12:00:00	-1.75	135	135	16-Sep-2006	00:00:00	5.56	175	175	25-Oct-2006	12:00:00	0.46	214	214	
08-Aug-2006	00:00:00	-1.73	136	136	16-Sep-2006	12:00:00	3.94	175	175	26-Oct-2006	00:00:00	0.44	215	215	
08-Aug-2006	12:00:00	-1.87	136	136	17-Sep-2006	00:00:00	0.2	176	176	26-Oct-2006	12:00:00	0.41	215	215	
09-Aug-2006	00:00:00	-1.55	137	137	17-Sep-2006	12:00:00	-0.14	176	176	27-Oct-2006	00:00:00	0.56	216	216	
09-Aug-2006	12:00:00	-1.55	137	137	18-Sep-2006	00:00:00	-0.25	177	177	27-Oct-2006	12:00:00	0.58	216	216	
10-Aug-2006	00:00:00	-1.54	138	138	18-Sep-2006	12:00:00	-0.33	177	177	28-Oct-2006	00:00:00	1.32	217	217	
10-Aug-2006	12:00:00	-1.57	138	138	19-Sep-2006	00:00:00	-0.17	178	178	28-Oct-2006	12:00:00	1.09	217	217	
11-Aug-2006	00:00:00	-1.61	139	139	19-Sep-2006	12:00:00	-0.31	178	178	29-Oct-2006	00:00:00	0.91	218	218	
11-Aug-2006	12:00:00	-1.46	139	139	20-Sep-2006	00:00:00	-0.2	179	179	29-Oct-2006	12:00:00	0.89	218	2	

APPENDIX B
VEGETATION PLOT PHOTOGRAPHS

**Haw River Swamp Wetland Restoration Site
Year 2 (2006) Annual Monitoring Report
Vegetation Plot Photographs Taken August 2006**

Plot 1



Plot 2



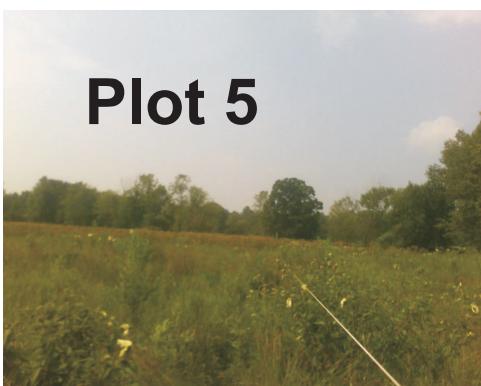
Plot 3



Plot 4



Plot 5



Plot 6



Plot 7



Plot 8



APPENDIX C
WILDLIFE OBSERVATIONS

WILDLIFE OBSERVED AT HAW RIVER SWAMP WETLAND RESTORATION SITE			
BIRDS*:		September 2005	August 2006
Great Egret	<i>Ardea alba</i>	x	x
Great Blue Heron	<i>Ardea herodias</i>	x	x
Green Heron	<i>Butorides virescens</i>		x
Canada Goose	<i>Branta canadensis</i>	x	x
Mallard	<i>Anas platyrhynchos</i>	x	
Turkey Vulture	<i>Cathartes aura</i>	x	x
Red-tailed Hawk	<i>Buteo jamaicensis</i>	x	x
Red-shouldered Hawk	<i>Buteo lineatus</i>		x
Killdeer	<i>Charadrius vociferus</i>	x	x
American Woodcock	<i>Scolopax minor</i>	x	
Mourning Dove	<i>Zenaida macroura</i>		x
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>		x
Chimney Swift	<i>Chaetura pelagica</i>	x	
Ruby-throated Hummingbird	<i>Archilochus colubris</i>		x
Belted Kingfisher	<i>Ceryle alcyon</i>		x
Pileated Woodpecker	<i>Dryocopus pileatus</i>	x	
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>	x	x
Downy Woodpecker	<i>Picoides pubescens</i>	x	
Northern Flicker	<i>Colaptes auratus</i>		x
Eastern Wood-Pewee	<i>Contopus virens</i>	x	x
Eastern Pheobe	<i>Sayornis phoebe</i>		x
Blue Jay	<i>Cyanocitta cristata</i>	x	
American Crow	<i>Corvus brachyrhynchos</i>	x	x
Red-eyed Vireo	<i>Vireo olivaceus</i>	x	
Barn Swallow	<i>Hirundo rustica</i>	x	
Carolina Chickadee	<i>Poecile carolinensis</i>		x
Tufted Titmouse	<i>Baeolophus bicolor</i>	x	x
White-breasted Nuthatch	<i>Sitta carolinensis</i>		x
Carolina Wren	<i>Thryothorus ludovicianus</i>	x	x
Blue-gray Gnatcatcher	<i>Polioptila caerulea</i>		x
Eastern Bluebird	<i>Sialia sialis</i>	x	
American Robin	<i>Turdus migratorius</i>		x
Common Yellow-throat	<i>Geothlypis trichas</i>		x
Summer Tanager	<i>Piranga rubra</i>		x
Northern Cardinal	<i>Cardinalis cardinalis</i>	x	x
Indigo Bunting	<i>Passerina cyanea</i>	x	x
Field Sparrow	<i>Spizella pusilla</i>		x
Red-winged Blackbird	<i>Agelaius phoeniceus</i>		x
American Goldfinch	<i>Carduelis tristis</i>	x	x

MAMMALS:		September 2005	August 2006
Beaver	<i>Castor canadensis</i>	x	x
Virginia Opossum	<i>Didelphis virginiana</i>	x	
Woodchuck	<i>Marmota monax</i>		x
Striped Skunk	<i>Mephitis mephitis</i>	x	
Muskrat	<i>Ondatra zibethicus</i>	x	
Raccoon	<i>Procyon lotor</i>	x	
White-tailed Deer	<i>Odocoileus virginianus</i>		x
Mouse Nest			x
REPTILES and AMPHIBIANS:		September 2005	August 2006
Eastern Mud Turtle	<i>Kinosternon subrubrum</i>	x	
Rough Green Snake	<i>Opheodrys aestivus</i>		x
Green Frog	<i>Rana clamitans</i>		x
September 2005 – these were observations made incidental to other work.			
August 2006 – these were observations made incidental to other work.			
*Sibley, D.A. 2000. The Sibley Guide to Birds. National Audobon Society.			