ANNUAL WETLAND MONITORING REPORT
YEAR 1 (2006)

GATLIN SWAMP WETLAND RESTORATION SITE
MARTIN COUNTY, NORTH CAROLINA
(Contract # D05024-2)

Prepared for:

NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
ECOSYSTEM ENHANCEMENT PROGRAM
RALEIGH, NORTH CAROLINA

Prepared by:

Restoration Systems, LLC
1101 Haynes Street, Suite 107
Raleigh, North Carolina 27604

And

Axiom Environmental, Inc.
2126 Rowland Pond Drive
Willow Spring, North Carolina 27592

October 2006

EXECUTIVE SUMMARY

Restoration Systems, L.L.C. (Restoration Systems) has completed the restoration of nonriverine wetlands at the Gatlin 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 approximately 1.5 miles southwest of Oak City, in Martin County (Figure 1). The Site encompasses approximately 150.2 acres of land situated in an expansive interstream flat characterized primarily by timber production and agriculture. The project provides 138.7 acres of non-riverine wetland restoration, with benefits to water quality and wildlife in a watershed that is highly dissected for agriculture and timber production.

The Site is located within sub-basin 03-02-09 of the Roanoke River Basin. This area is part of United States Geological Survey (USGS) Hydrologic Unit (HU) 03010107 of the South Atlantic/Gulf Region (14-digit HU 03010107120020). Site features drain to Etheridge Swamp and Conoho Creek, which is a major tributary to the Roanoke River.

A Detailed Wetland Restoration Plan was completed for the Site in September 2005. The plan outlined methods designed to restore agricultural fields that had been ditched, drained, and cleared for row crop production. Prior to implementation, the entire 150.2 acre Site contained 138.7 acres of hydric soil that had been effectively drained and contained no jurisdictional wetlands. The Detailed Wetland Restoration Plan outlined restoration procedures including 1) ditch cleaning prior to backfill, 2) depression construction, 3) impervious ditch plug construction, 4) ditch backfilling, 5) floodplain soil scarification, and 6) plant community restoration.

The following objectives are proposed to provide mitigation credit requested under the EEP Request For Proposal (RFP) #16-D05024 dated October 22, 2004:

- Provide 125 acres of nonriverine Wetland Mitigation Units, as calculated in accordance with the requirements stipulated in RFP #16-D05024.
- Restore approximately 125 acres of wetland through filling agricultural ditches, removal of spoil castings, eliminating row crop production activities, and/or planting with native forest species.
- Protect the Site in perpetuity with a conservation easement which is held by the State of North Carolina.

As constructed, the Site provides 138.7 acres of non-riverine wetland restoration and 11.5 acres of forested upland buffer (Figure 2).

In summary, the Site achieved the defined (or targeted) success criteria;

1. Saturation (free water) within one foot of the soil surface for a minimum of 5 percent (12 consecutive days) of the growing season, for all Site groundwater gauges in the First Monitoring Year (Year 2006).
2. Vegetation plots across the Site were well above the required 320 stems per acre with an average of 708 tree stems per acre in the First Monitoring Year (Year 2006).

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ANNUAL MONITORING REPORT
YEAR 1 (2006)
MARTIN COUNTY, NORTH CAROLINA

1.0 INTRODUCTION

Restoration Systems established the Gatlin Swamp Wetland Restoration Site (Site) in the Coastal Plain region of the Roanoke River Basin (14-digit HU 03010107120020). The Site is located approximately 1.5 miles southwest of Oak City, in Martin County (Figure 1). The Site encompasses approximately 150.2 acres of land situated in an expansive interstream flat characterized primarily by timber production and agriculture. The project offers 138.7 acres of nonriverine wetland restoration, with benefits to water quality and wildlife in a watershed that is highly dissected for agriculture and timber production.

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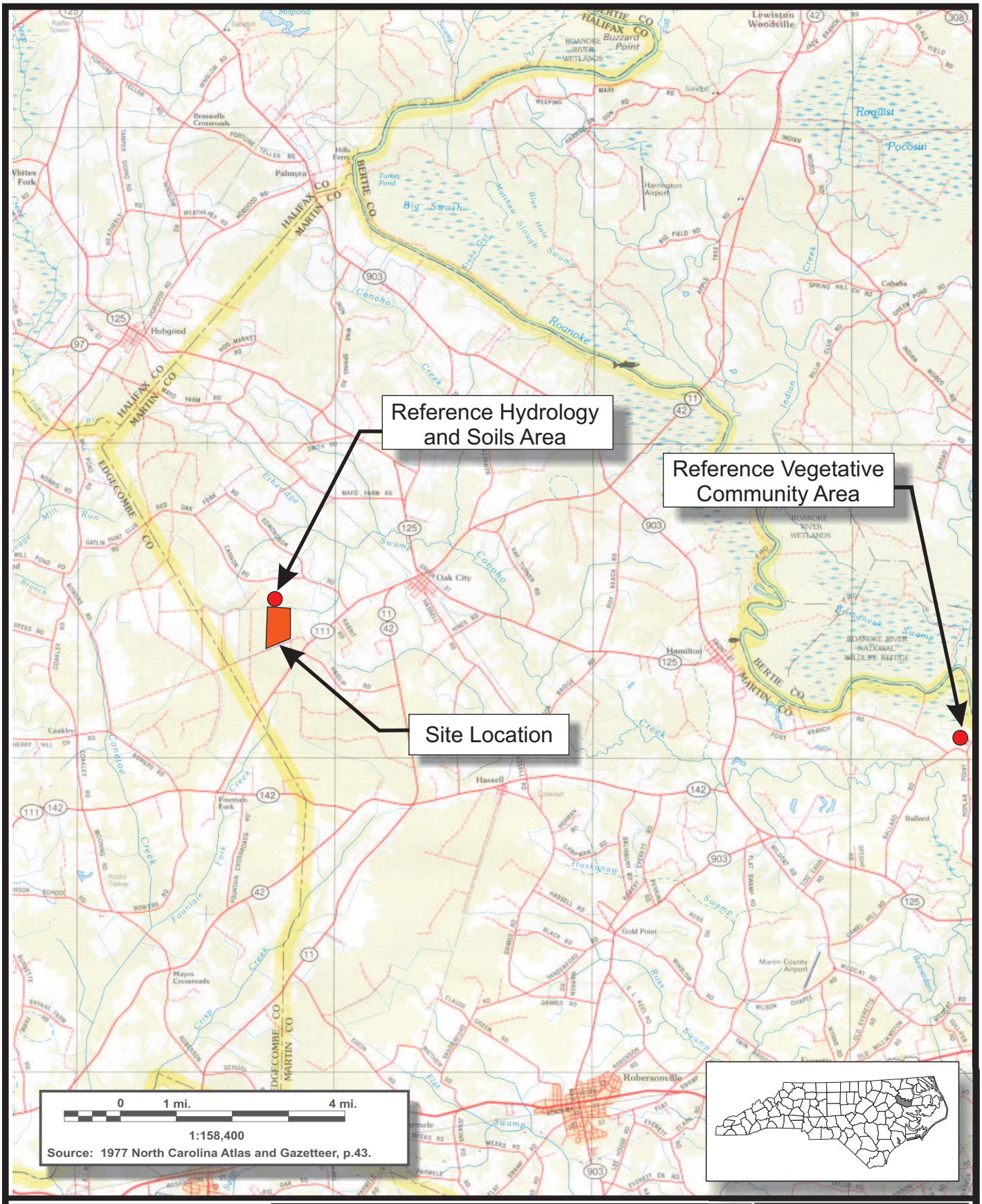
Upon completion of the detailed restoration plan, construction schematics were developed and construction was initiated in October 2005. Anderson Farms completed earthwork and grading at the Site in December of 2005. Carolina Silvics completed planting of the Site in January 2006. Axiom Environmental, Inc. completed as-built mitigation plan and as-built construction drawings in January 2006.



Axiom Environmental
2126 Rowland Pond Dr
Willow Springs, NC 27592
(919) 215-1693
(919) 341-3839 fax

SITE LOCATION
GATLIN SWAMP WETLAND RESTORATION SITE
Martin County, North Carolina

Dwn. by:	WGL
Ckd by:	WGL
Date:	Jan 2006
Project:	05-009

FIGURE
1

lnformation on project managers, owners, and contractors follows:

Owner Information
Restoration Systems, L.L.C.
George Howard and John Preyer
1101 Haynes Street, Suite 107
Raleigh, North Carolina 27604
(919) 755-9490

Designer Information
Axiom Environmental, Inc.
W. Grant Lewis
2126 Rowland Pond Drive
Willow Spring, North Carolina 27592
(919) 215-1693

Earthwork Contractor Information
Anderson Farms
Gary Wilkerson and Richard Anderson
179 NC 97 East
Tarboro, North Carolina 27886
(252) 823-4730

Planting Contractor Information
Carolina Silvics
Dwight McKinney
908 Indian Trail Road
Edenton, North Carolina 27932
(919) 523-4375

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.

2.1 Wetland Hydrology

2.1.1 Hydrology Monitoring Procedure

After hydrological modifications were completed at the Site, continuously recording monitoring gauges were installed in accordance with specifications outlined 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.

Five monitoring gauges were installed in wetland restoration areas to provide representative coverage of the Site (Figure 2). Two gauges were also placed in a reference area in similar landscape positions to use as comparison with onsite conditions (Figure 1). Hydrological

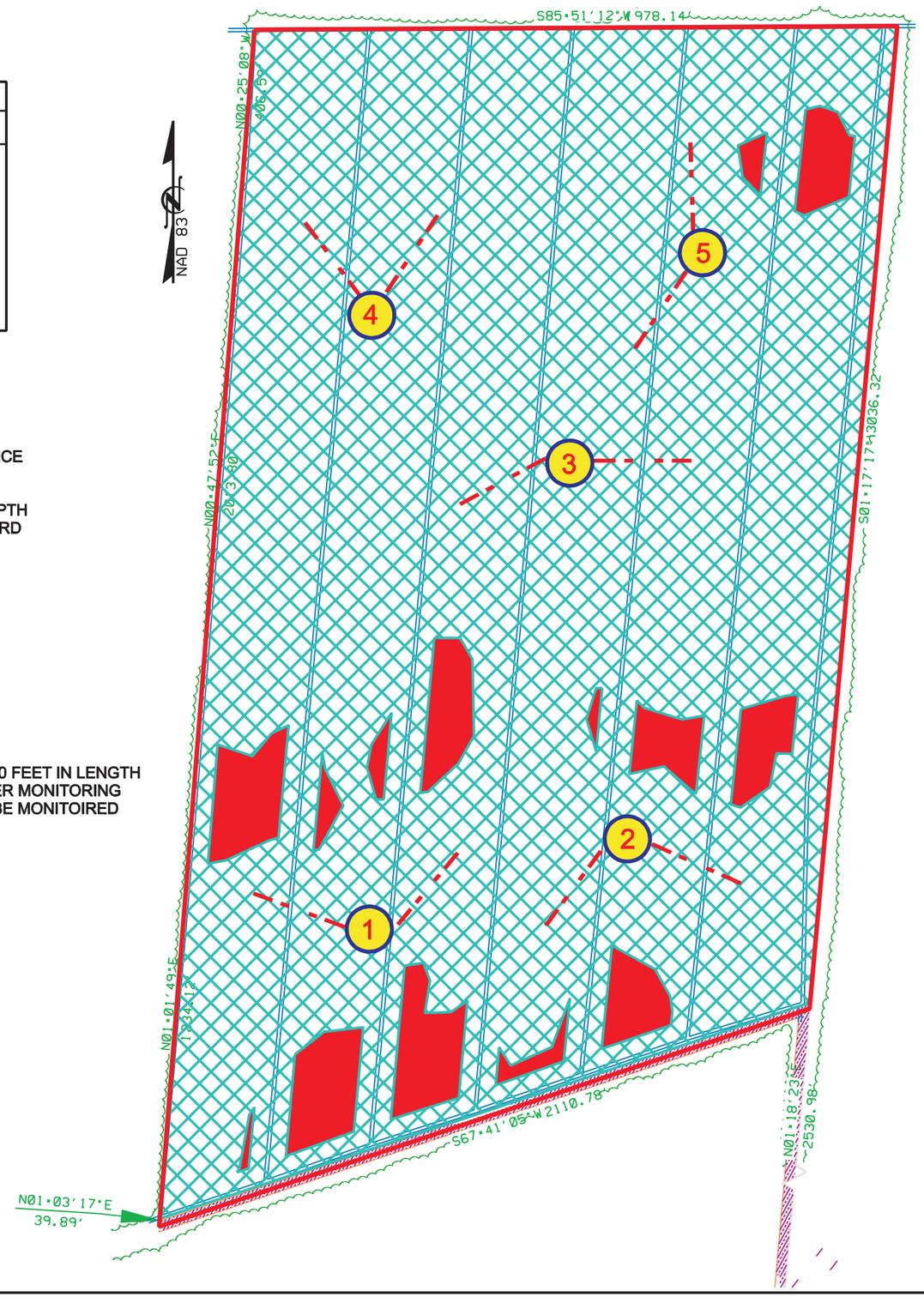
LEGEND		
DESCRIPTION	SYMBOL	AREA
SITE BOUNDARY		150.2 AC
WETLAND RESTORATION		138.7 AC
UPLAND		
GROUNDWATER GAUGE	1	
VEGETATION PLOTS		

GROUNDWATER GAUGES

INFINITY CONTINUOUS MONITORING GAUGES INSTALLED IN ACCORDANCE WITH SPECIFICATIONS OUTLINED IN U.S. ARMY CORPS OF ENGINEERS, INSTALLING MONITORING WELLS/PIEZOMETERS IN WETLANDS (WRP TECHNICAL NOTE HY-IA-3.1, AUGUST 1993). SCREENS ARE SET TO A DEPTH OF APPROXIMATELY 18 INCHES. GAUGES ARE PROGRAMMED TO RECORD AT 24-HOUR INTERVALS. DAILY RAINFALL IS CORRELATED FROM DATA OBTAINED AT A NATIONAL WEATHER SERVICE STATION LOCATED IN TARBORO (STATION 318500 - COOP).

VEGETATION MONITORING PLOT

VEGETATION MONITORING PLOTS ARE COMPRISED OF TRANSECTS, 600 FEET IN LENGTH AND 8 FEET IN WIDTH CENTERED ON EACH OF THE FIVE GROUNDWATER MONITORING GAUGES. IN EACH MONITORING PLOT, VEGETATION PARAMATERS TO BE MONITOIRED INCLUDE SPECIES COMPOSITION AND DENSITY.



Axiom Environmental, Inc.

RESTORATION SYSTEMS
1101 HAYNES STREET, #107
RALEIGH, NC 27604

NOTES/REVISIONS

Project:

Gatlin Swamp Wetland Restoration Site

Martin County
North Carolina

Title:

MONITORING PLAN

Scale:	FIGURE NO.
1" = 400'	2
Date: JAN 2006	
Project No.: 05-009	

sampling will be performed in restoration and reference areas during the growing season (March 16 and November 14) at daily intervals necessary to satisfy the hydrology success criteria within each physiographic landscape area.

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 criterion requires 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 extend between 5 and 12.5 percent of the growing season.

Reference Groundwater Modeling

The reference groundwater model forecasted the wetland hydroperiod in restoration areas will range between approximately 2 and 26 percent of the growing season in early successional phases. Because wetland hydroperiods during old field stages of wetland development are projected to extend for less than 12.5 percent of the growing season, wetland monitoring plans that extend for a five year period after restoration will utilize a minimum 5 percent wetland hydrology criterion to substantiate restoration success.

Reference Wetland Sites

Two monitoring gauges were installed in reference wetlands located in the northern and eastern periphery of the Site. Wetland hydroperiods measured by groundwater gauges located within the reference areas will be compared to hydroperiods exhibited by groundwater gauges in the restoration area to further evaluate restoration success. Success criteria outlined by the groundwater model indicates that the wetland restoration area should maintain saturation within one foot of the soil surface for at least 74 percent of the hydroperiod exhibited by the reference wetland gauges in any given year.

Under normal climatic conditions, the hydrologic success criterion requires saturation (free water) within one foot of the soil surface for a minimum of 5 percent of the growing season. This hydroperiod translates to saturation for a minimum, 12-day (5 percent) consecutive period during the growing season, which extends from March 16 and November 14 (USDA 1977).

In atypical dry years, the hydroperiod must exceed 75 percent of the hydroperiod exhibited by the reference gauges. Reference gauge data will be used to compare wetland hydroperiods between the restoration areas and relatively undisturbed reference wetlands. This data will supplement regulatory evaluation of success criteria and also provide information that will allow interpretation of mitigation success in years not supporting ”normal” rainfall conditions.

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 from a rain gauge located onsite and at the Highway Patrol Station located in Martin County (SCONC 2006). The rain gauge located onsite malfunctioned at the end of June

2006; therefore, data collected by the State Climate Office of North Carolina at a nearby station is included. Groundwater data presented in Table 1 were collected through October 26, 2006 for reference and restoration area gauges, which corresponds to 225 days of the 244-day annual growing season. Data will continue to be downloaded monthly until the end of the 2006 growing season (November 14, 2006) and will be available upon request.

All Site groundwater gauges achieved the defined (or targeted) success criteria for hydrology, saturation (free water) within one foot of the soil surface for a minimum of 5 percent (12 consecutive days) of the growing season, in the First Monitoring Year (Year 2006) (Table 1).

Table 1. 2006 (Year 1) Groundwater Gauge Results

Gauge	Max Consecutive Days Saturated During Growing Season (Percentage) *	Defined (or Targeted) Success Criteria Achieved
1	56 days (23 %)	Yes
2	56 days (23 %)	Yes
3	56 days (23 %)	Yes
4	56 days (23 %)	Yes
5	174 days (71 %)	Yes
Ref 1	101 days (41 %)	Yes
Ref 2	117 days (48 %)	Yes

* Gauge data presented in the table were collected through October 26, 2006 for the Gatlin Swamp reference and restoration area gauges. Data will continue to be downloaded monthly for the remainder of the 2006 growing season (until November 14, 2006) and will be available upon request.

2.2 Vegetation

2.2.1 Vegetation Monitoring Procedure

Restoration monitoring procedures for vegetation are designed in accordance with United States Environmental Protection Agency guidelines presented in Mitigation Site Type (MiST) documentation (USEPA 1990) and United States Army Corps of Engineers (USACE) Compensatory Hardwood Mitigation Guidelines (USDOA 1993). The following presents a general discussion of the monitoring program.

During the first year, vegetation received visual evaluations on a periodic basis to ascertain the degree of overtopping of planted species by nuisance species. Quantitative sampling was conducted in late summer of the first year. Subsequently, quantitative sampling of vegetation will be performed between June 1 and September 30 of each monitoring year for five years or until the vegetation success criteria are achieved.

Five sample transects were installed within planted areas of the Site to equally represent the various hydrologic regimes (Figure 2). Each transect is 600 feet in length and 7.25 feet in width (0.1 acre). Transects were centered on the five groundwater monitoring gauges and are defined by the corresponding gauge number. In each sample plot, vegetation parameters monitored include species composition and species density. Photographs of the five 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 Character forest species. Additional success criteria are dependent upon density and growth of "Character Tree Species." Character Tree Species include planted species and species identified through inventory of an approved reference (relatively undisturbed) forest community used to design the planting plan. All canopy tree species planted and identified in the reference forest will be utilized to define "Character Tree Species" as termed in the success criteria.

Table 2. Character Tree Species

PLANTED SPECIES	REFERENCE SITE SPECIES
Loblolly Pine (*Pinus taeda*)	Northern Red Oak (*Quercus rubra*)
Pond Pine (*Pinus serotina*)	Red Maple (*Acer rubrum*)
Swamp Chestnut Oak (*Quercus michauxii*)	White Oak (*Quercus alba*)
Cherrybark Oak (*Quercus pagoda*)	Bitternut Hickory (*Carya cordiformis*)
Southern Red Oak (*Quercus falcata*)	Hop Hornbean (*Ostrya virginiana*)
Water Oak (*Quercus nigra*)	Tulip Tree (*Liriodendron tulipifera*)
Willow Oak (*Quercus phellos*)	Sweetgum (*Liquidambar styraciflua*)
Sweetbay (*Magnolia virginiana*)	American Beech (*Fagus grandiflora*)
River Birch (*Betula nigra*)	Mockernut Hickory (*Carya tomentosa*)
	American Sycamore (*Platanus occidentalis*)
	Ironwood (*Carpinus carolinia*)
	Black Walnut (*Juglans nigra*)
	Hackberry (*Celtis laevigata*)
	Green Ash (*Fraxinus pennsylvanica*)

An average density of 320 stems per acre of Character Tree Species must be surviving in the first three monitoring years. Subsequently, 290 Character Tree Species per acre must be surviving in year 4 and 260 Character Tree Species per acre in year 5. Planted species must represent a minimum of 30 percent of the required stems per acre total (96 stems/acre). Planted Character Tree Species may serve as a seed source for species maintenance during mid-successional phases of forest development. Each naturally recruited Character Tree Species may represent up to 10 percent of the required stems per acre total. In essence, seven naturally recruited Character Tree Species may represent a maximum of 70 percent of the required stems per acre total. Additional stems of naturally recruited species above the 10 percent and 70 percent thresholds are discarded from the statistical analysis.

If vegetation success criteria are not achieved based on average density calculations from combined plots over the entire restoration area, supplemental planting may be performed with tree

species listed in the Restoration Plan or observed in the Reference Site. Supplemental planting will be performed as needed until achievement of vegetation success criteria.

No quantitative sampling requirements are proposed for herb assemblages as part of the vegetation success criteria. Development of floodplain forests over several decades will dictate the success in migration and establishment of desired understory and groundcover populations.

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 3. Vegetation success criteria for year 1 (320 tree stems per acre) were exceeded for the 2006 annual monitoring year with an average of 708 tree stems per acre across the Site. Each individual vegetation plot met success criteria with a range of 550 to 770 tree stems per acre.

3.0 CONCLUSIONS

The Site achieved the defined (or targeted) success criteria, with saturation (free water) within one foot of the soil surface for a minimum of 5 percent (12 consecutive days) of the growing season, for all Site groundwater gauges in the First Monitoring Year (Year 2006). Also, vegetation plots across the Site were well above the required 320 stems per acre with an average of 708 tree stems per acre in the First Monitoring Year (Year 2006).

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

TABLE 3
2006 VEGETATION MONITORING DATA AND RESULTS

Note: Each plot totals 0.1 acre in size.

Community	**Pine Flatwoods**							
Species (Note: bold species were planted)	**Plot 1**	**Plot 2**	**Plot 3**	**Plot 4**	**Plot 5**	**Total Stems Plots 1-5**	**Total Stems/ Acre**	**Total Stems/Acre Counting Towards Success Criteria***
Character Tree Species (count toward success criteria)								
***Betula nigra* (river birch)**	5	11	11	6	13	46	92	92
Clethra alnifolia (coastal sweetpepperbush)				14		14	28	28
Diospyros virginiana (persimmon)	1					1	2	2
Liquidambar styraciflua (sweetgum)		1		2		3	6	6
***Magnolia virginiana* (sweetbay)**	4	2	2	2	2	12	24	24
***Pinus* sp. (pine)**	10	10	12	6	7	45	90	90
Populus heterophylla (cottonwood)	26	18	18	12	7	81	162	32
***Quercus falcata/pagoda* (southern red/cherrybark oak)**	28	7	19	13	15	82	164	164
***Quercus michauxii* (swamp chestnut oak)**	11	18	13	8	13	63	126	126
***Quercus nigra* (water oak)**	3	1	4	4	3	15	30	30
***Quercus pagoda* (cherrybark oak)**		4				4	8	8
***Quercus phellos* (willow oak)**	8	12		3	9	32	64	64
Quercus sp. (oak)				4		4	8	8
Salix sp. (willow)	38			54	6	98	196	32
Taxodium distichum (bald cypress)	1					1	2	2
Species that Don't Count Toward Success Criteria								
Baccharis halimifolia (eastern baccharis)	3	5	3			11	22	0
Rhus copallinum (winged sumac)	1		1	4		6	12	0
TOTAL	**139**	**89**	**83**	**132**	**75**	**518**	**1036**	**708**
TOTAL STEMS/PLOT COUNTING TOWARDS SUCCESS CRITERIA	**77**	**67**	**64**	**55**	**68**			
TOTAL STEMS/ACRE COUNTING TOWARDS SUCCESS CRITERIA	**770**	**670**	**640**	**550**	**680**			

* Success criteria requires that no naturally recruited species may make up 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 3.2 stems/0.1 acre plot).

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.

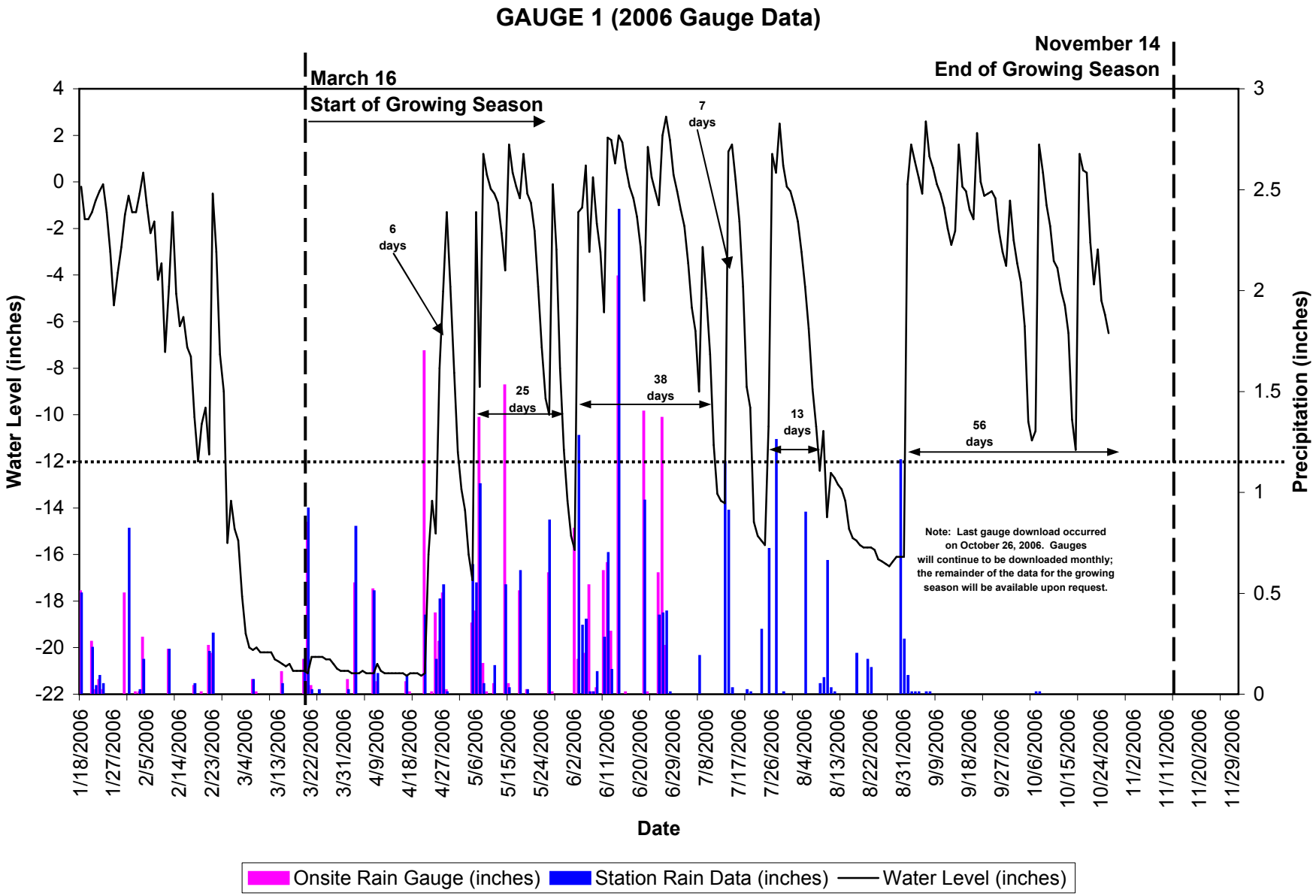
State Climate Office of North Carolina (SCONC). 2006. North Carolina Climate Retrieval and Observations Network of the Southeast Database. (online). Available: http://www.nc-climate.ncsu.edu/cronos/ [October 9, 2006]. State Climate Office of North Carolina, Raleigh, North Carolina.

United States Department of Agriculture (USDA). 1977. Soil Survey of Martin County, North Carolina. United States Department of Agriculture, Natural Resources Conservation Service.

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.

APPPENDIX A
GAUGE DATA


GAUGE 1 (2006 Gauge Data)
March 16
Start of Growing Season
November 14
End of Growing Season
6 days
7 days
25 days
38 days
13 days
56 days
Note: Last gauge download occurred on October 26, 2006. Gauges will continue to be downloaded monthly; the remainder of the data for the growing season will be available upon request.
Water Level (inches)
Precipitation (inches)
Date
Onsite Rain Gauge (inches)
Station Rain Data (inches)
Water Level (inches)

Gauge 1
Data Acquired: September 25, 2006
Serial Number: 9DE5D3D
CD: Consecutive Days Saturation (within 12 inches of the soil surface) During the Growing Season
JD: Julian Days During the Growing Season

Date	Time	Water Level (inches)	CD	JD	(continued) Date	Time	Water Level (inches)	CD	JD	(continued) Date	Time	Water Level (inches)	CD	JD
18-Jan-06	5:00:00	-0.2			31-Mar-06	5:00:00	-21		16	11-Jun-06	5:00:00	1.9	9	88
19-Jan-06	5:00:00	-1.6			1-Apr-06	5:00:00	-21		17	12-Jun-06	5:00:00	1.8	10	89
20-Jan-06	5:00:00	-1.6			2-Apr-06	5:00:00	-21.1		18	13-Jun-06	5:00:00	0.8	11	90
21-Jan-06	5:00:00	-1.3			3-Apr-06	5:00:00	-21.1		19	14-Jun-06	5:00:00	2	12	91
22-Jan-06	5:00:00	-0.8			4-Apr-06	5:00:00	-21.1		20	15-Jun-06	5:00:00	1.7	13	92
23-Jan-06	5:00:00	-0.4			5-Apr-06	5:00:00	-21		21	16-Jun-06	5:00:00	0.6	14	93
24-Jan-06	5:00:00	-0.1			6-Apr-06	5:00:00	-21.1		22	17-Jun-06	5:00:00	-0.2	15	94
25-Jan-06	5:00:00	-1.3			7-Apr-06	5:00:00	-21.1		23	18-Jun-06	5:00:00	-0.7	16	95
26-Jan-06	5:00:00	-3			8-Apr-06	5:00:00	-21.1		24	19-Jun-06	5:00:00	-1.5	17	96
27-Jan-06	5:00:00	-5.3			9-Apr-06	5:00:00	-20.7		25	20-Jun-06	5:00:00	-2.8	18	97
28-Jan-06	5:00:00	-3.9			10-Apr-06	5:00:00	-21		26	21-Jun-06	5:00:00	-5.1	19	98
29-Jan-06	5:00:00	-2.8			11-Apr-06	5:00:00	-21.1		27	22-Jun-06	5:00:00	1.5	20	99
30-Jan-06	5:00:00	-1.4			12-Apr-06	5:00:00	-21.1		28	23-Jun-06	5:00:00	0.2	21	100
31-Jan-06	5:00:00	-0.6			13-Apr-06	5:00:00	-21.1		29	24-Jun-06	5:00:00	-0.4	22	101
1-Feb-06	5:00:00	-1.3			14-Apr-06	5:00:00	-21.1		30	25-Jun-06	5:00:00	-1	23	102
2-Feb-06	5:00:00	-1.3			15-Apr-06	5:00:00	-21.1		31	26-Jun-06	5:00:00	2	24	103
3-Feb-06	5:00:00	-0.5			16-Apr-06	5:00:00	-21.1		32	27-Jun-06	5:00:00	2.8	25	104
4-Feb-06	5:00:00	0.4			17-Apr-06	5:00:00	-21.2		33	28-Jun-06	5:00:00	1.8	26	105
5-Feb-06	5:00:00	-1			18-Apr-06	5:00:00	-21.1		34	29-Jun-06	5:00:00	0.3	27	106
6-Feb-06	5:00:00	-2.2			19-Apr-06	5:00:00	-21.1		35	30-Jun-06	5:00:00	-0.4	28	107
7-Feb-06	5:00:00	-1.7			20-Apr-06	5:00:00	-21.1		36	1-Jul-06	5:00:00	-1.2	29	108
8-Feb-06	5:00:00	-4.2			21-Apr-06	5:00:00	-21.2		37	2-Jul-06	5:00:00	-1.9	30	109
9-Feb-06	5:00:00	-3.5			22-Apr-06	5:00:00	-21.1		38	3-Jul-06	5:00:00	-3.5	31	110
10-Feb-06	5:00:00	-7.3			23-Apr-06	5:00:00	-16		39	4-Jul-06	5:00:00	-5.4	32	111
11-Feb-06	5:00:00	-4.5			24-Apr-06	5:00:00	-13.7		40	5-Jul-06	5:00:00	-6.4	33	112
12-Feb-06	5:00:00	-1.3			25-Apr-06	5:00:00	-15.1		41	6-Jul-06	5:00:00	-9	34	113
13-Feb-06	5:00:00	-4.8			26-Apr-06	5:00:00	-8	1	42	7-Jul-06	5:00:00	-2.8	35	114
14-Feb-06	5:00:00	-6.2			27-Apr-06	5:00:00	-4.7	2	43	8-Jul-06	5:00:00	-5	36	115
15-Feb-06	5:00:00	-5.8			28-Apr-06	5:00:00	-1.3	3	44	9-Jul-06	5:00:00	-7.4	37	116
16-Feb-06	5:00:00	-7.1			29-Apr-06	5:00:00	-4.5	4	45	10-Jul-06	5:00:00	-11.3	38	117
17-Feb-06	5:00:00	-7.5			30-Apr-06	5:00:00	-8.2	5	46	11-Jul-06	5:00:00	-13.4		118
18-Feb-06	5:00:00	-10.1			1-May-06	5:00:00	-11.6	6	47	12-Jul-06	5:00:00	-13.7		119
19-Feb-06	5:00:00	-12			2-May-06	5:00:00	-13.2		48	13-Jul-06	5:00:00	-13.8		120
20-Feb-06	5:00:00	-10.4			3-May-06	5:00:00	-14.1		49	14-Jul-06	5:00:00	1.3	1	121
21-Feb-06	5:00:00	-9.7			4-May-06	5:00:00	-16		50	15-Jul-06	5:00:00	1.6	2	122
22-Feb-06	5:00:00	-11.7			5-May-06	5:00:00	-17.1		51	16-Jul-06	5:00:00	0.1	3	123
23-Feb-06	5:00:00	-0.5			6-May-06	5:00:00	-1.3	1	52	17-Jul-06	5:00:00	-1.7	4	124
24-Feb-06	5:00:00	-3			7-May-06	5:00:00	-8.8	2	53	18-Jul-06	5:00:00	-4.5	5	125
25-Feb-06	5:00:00	-7.4			8-May-06	5:00:00	1.2	3	54	19-Jul-06	5:00:00	-8.8	6	126
26-Feb-06	5:00:00	-9			9-May-06	5:00:00	0.3	4	55	20-Jul-06	5:00:00	-9.7	7	127
27-Feb-06	5:00:00	-15.5			10-May-06	5:00:00	-0.3	5	56	21-Jul-06	5:00:00	-14.6		128
28-Feb-06	5:00:00	-13.7			11-May-06	5:00:00	-0.5	6	57	22-Jul-06	5:00:00	-15.2		129
1-Mar-06	5:00:00	-14.9			12-May-06	5:00:00	-0.9	7	58	23-Jul-06	5:00:00	-15.4		130
2-Mar-06	5:00:00	-15.4			13-May-06	5:00:00	-2.2	8	59	24-Jul-06	5:00:00	-15.6		131
3-Mar-06	5:00:00	-17.8			14-May-06	5:00:00	-3.8	9	60	25-Jul-06	5:00:00	-10.5		132
4-Mar-06	5:00:00	-19.4			15-May-06	5:00:00	1.6	10	61	26-Jul-06	5:00:00	1.2	1	133
5-Mar-06	5:00:00	-20			16-May-06	5:00:00	0.4	11	62	27-Jul-06	5:00:00	0.4	2	134
6-Mar-06	5:00:00	-20.1			17-May-06	5:00:00	-0.2	12	63	28-Jul-06	5:00:00	2.5	3	135
7-Mar-06	5:00:00	-20			18-May-06	5:00:00	-0.7	13	64	29-Jul-06	5:00:00	0.7	4	136
8-Mar-06	5:00:00	-20.2			19-May-06	5:00:00	1.2	14	65	30-Jul-06	5:00:00	-0.2	5	137
9-Mar-06	5:00:00	-20.2			20-May-06	5:00:00	-0.5	15	66	31-Jul-06	5:00:00	-0.4	6	138
10-Mar-06	5:00:00	-20.2			21-May-06	5:00:00	-0.9	16	67	1-Aug-06	5:00:00	-1	7	139
11-Mar-06	5:00:00	-20.2			22-May-06	5:00:00	-2.1	17	68	2-Aug-06	5:00:00	-1.7	8	140
12-Mar-06	5:00:00	-20.5			23-May-06	5:00:00	-4.5	18	69	3-Aug-06	5:00:00	-3	9	141
13-Mar-06	5:00:00	-20.6			24-May-06	5:00:00	-7.1	19	70	4-Aug-06	5:00:00	-4.5	10	142
14-Mar-06	5:00:00	-20.7			25-May-06	5:00:00	-9.3	20	71	5-Aug-06	5:00:00	-6.3	11	143
15-Mar-06	5:00:00	-20.8			26-May-06	5:00:00	-10	21	72	6-Aug-06	5:00:00	-8.9	12	144
16-Mar-06	5:00:00	-20.7		1	27-May-06	5:00:00	-0.1	22	73	7-Aug-06	5:00:00	-10.5	13	145
17-Mar-06	5:00:00	-21		2	28-May-06	5:00:00	-2.9	23	74	8-Aug-06	5:00:00	-12.4		146
18-Mar-06	5:00:00	-21		3	29-May-06	5:00:00	-8	24	75	9-Aug-06	5:00:00	-10.7	1	147
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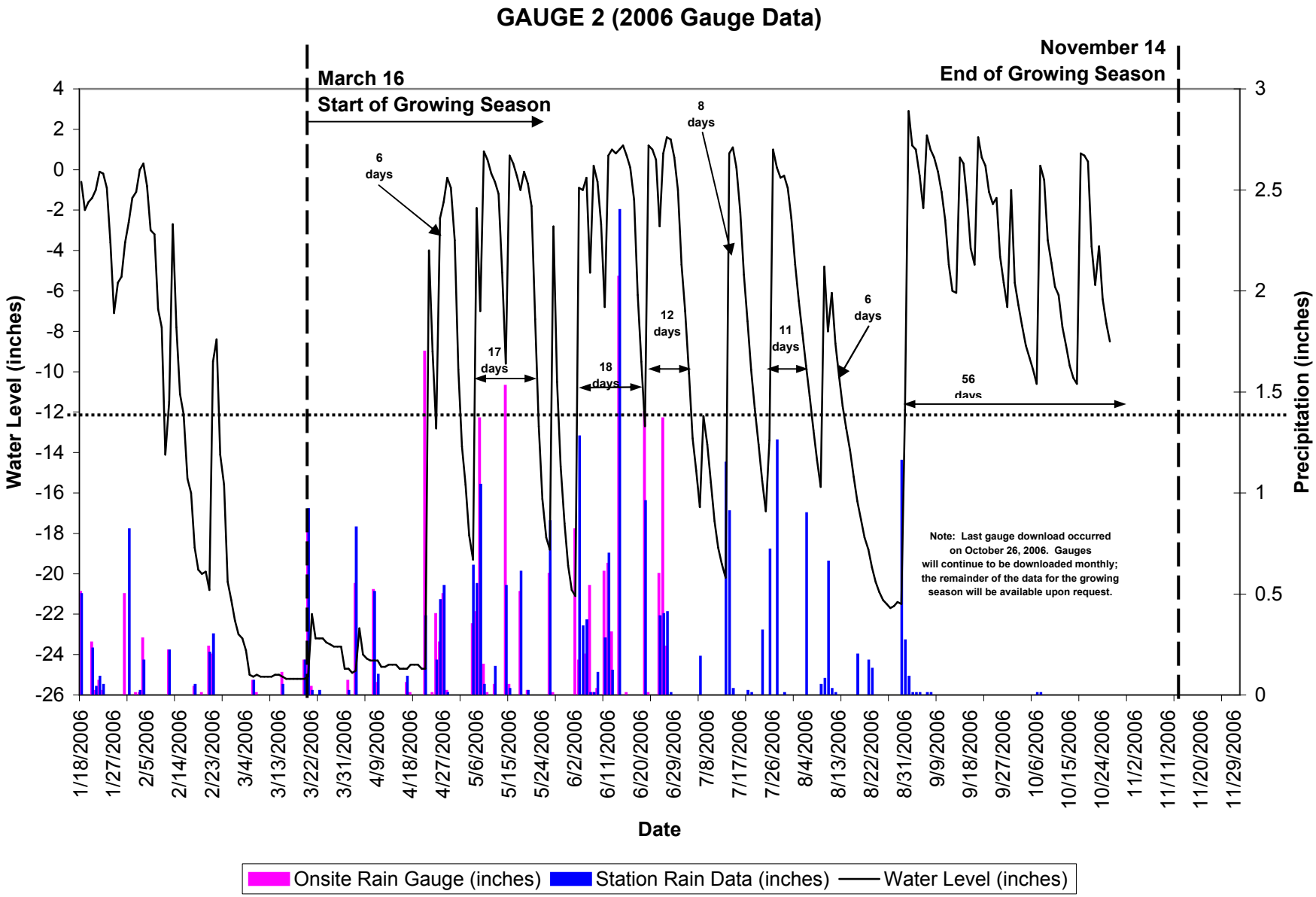
21-Mar-06	5:00:00	-21.1		6	1-Jun-06	5:00:00	-15.2		78	12-Aug-06	5:00:00	-12.7		150
22-Mar-06	5:00:00	-20.4		7	2-Jun-06	5:00:00	-15.8		79	13-Aug-06	5:00:00	-13		151
23-Mar-06	5:00:00	-20.4		8	3-Jun-06	5:00:00	-1.3	1	80	14-Aug-06	5:00:00	-13.2		152
24-Mar-06	5:00:00	-20.4		9	4-Jun-06	5:00:00	-1.1	2	81	15-Aug-06	5:00:00	-13.7		153
25-Mar-06	5:00:00	-20.4		10	5-Jun-06	5:00:00	0.7	3	82	16-Aug-06	5:00:00	-14.9		154
26-Mar-06	5:00:00	-20.5		11	6-Jun-06	5:00:00	-3	4	83	17-Aug-06	5:00:00	-15.3		155
27-Mar-06	5:00:00	-20.5		12	7-Jun-06	5:00:00	0.2	5	84	18-Aug-06	5:00:00	-15.4		156
28-Mar-06	5:00:00	-20.7		13	8-Jun-06	5:00:00	-1.8	6	85	19-Aug-06	5:00:00	-15.6		157
29-Mar-06	5:00:00	-20.9		14	9-Jun-06	5:00:00	-3	7	86	20-Aug-06	5:00:00	-15.7		158
30-Mar-06	5:00:00	-21		15	10-Jun-06	5:00:00	-5.6	8	87	21-Aug-06	5:00:00	-15.7		159

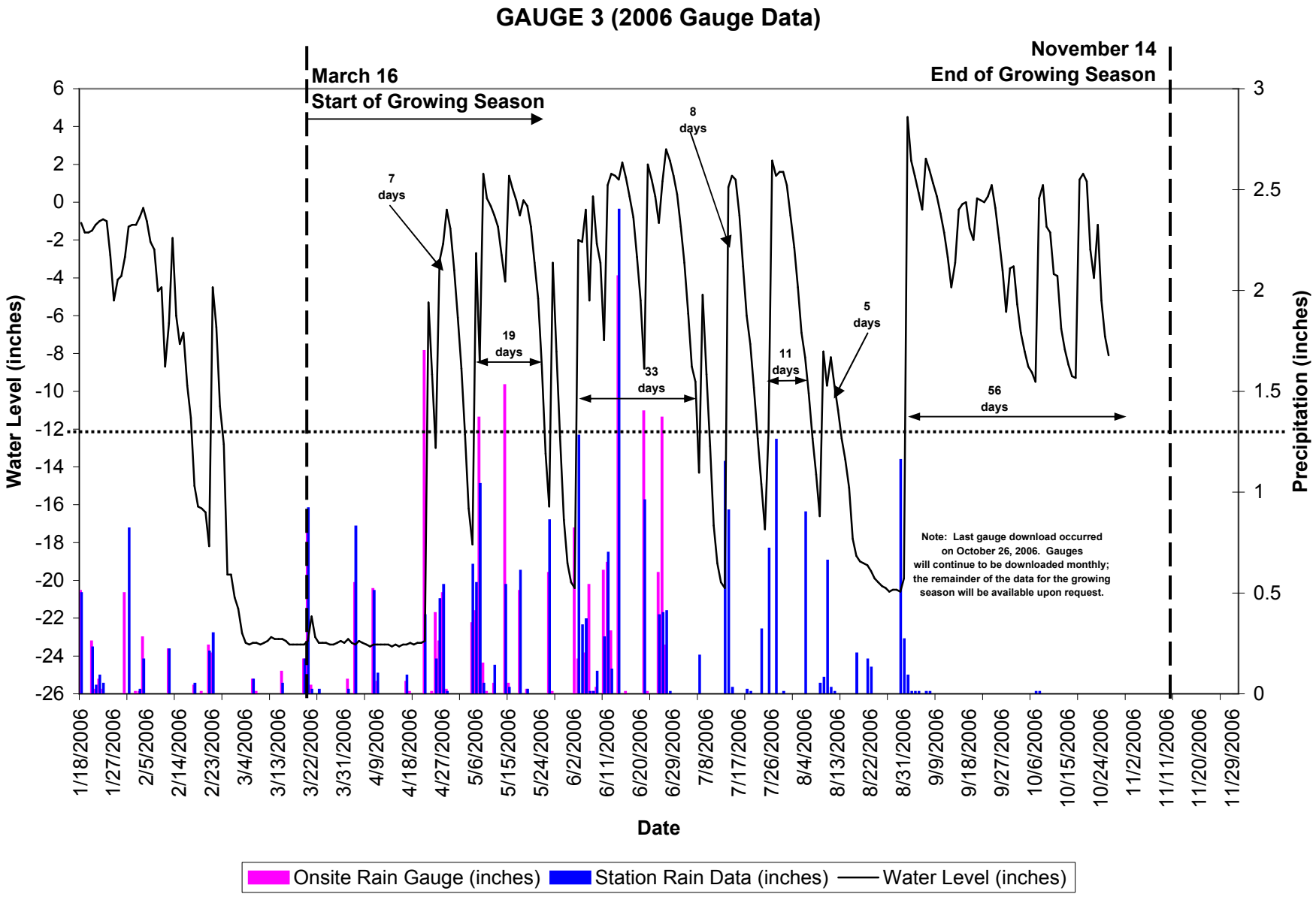
Page 2 Gauge 1														
(continued)					(continued)					(continued)				
Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD
22-Aug-06	5:00:00	-15.7		160										
23-Aug-06	5:00:00	-15.8		161										
24-Aug-06	5:00:00	-16.2		162										
25-Aug-06	5:00:00	-16.3		163										
26-Aug-06	5:00:00	-16.4		164										
27-Aug-06	5:00:00	-16.5		165										
28-Aug-06	5:00:00	-16.3		166										
29-Aug-06	5:00:00	-16.1		167										
30-Aug-06	5:00:00	-16.1		168										
31-Aug-06	5:00:00	-16.1		169										
1-Sep-06	5:00:00	-0.1	1	170										
2-Sep-06	5:00:00	1.6	2	171										
3-Sep-06	5:00:00	0.9	3	172										
4-Sep-06	5:00:00	0.2	4	173										
5-Sep-06	5:00:00	-0.5	5	174										
6-Sep-06	5:00:00	2.6	6	175										
7-Sep-06	5:00:00	1.1	7	176										
8-Sep-06	5:00:00	0.6	8	177										
9-Sep-06	5:00:00	-0.1	9	178										
10-Sep-06	5:00:00	-0.5	10	179										
11-Sep-06	5:00:00	-1.1	11	180										
12-Sep-06	5:00:00	-2	12	181										
13-Sep-06	5:00:00	-2.7	13	182										
14-Sep-06	5:00:00	-2.1	14	183										
15-Sep-06	5:00:00	1.6	15	184										
16-Sep-06	5:00:00	-0.2	16	185										
17-Sep-06	5:00:00	-0.4	17	186										
18-Sep-06	5:00:00	-1.2	18	187										
19-Sep-06	5:00:00	-1.6	19	188										
20-Sep-06	5:00:00	2.1	20	189										
21-Sep-06	5:00:00	0	21	190										
22-Sep-06	5:00:00	-0.6	22	191										
23-Sep-06	5:00:00	-0.5	23	192										
24-Sep-06	5:00:00	-0.4	24	193										
25-Sep-06	5:00:00	-0.7	25	194										
26-Sep-06	5:00:00	-2.1	26	195										
27-Sep-06	5:00:00	-3	27	196										
28-Sep-06	5:00:00	-3.6	28	197										
29-Sep-06	5:00:00	-0.8	29	198										
30-Sep-06	5:00:00	-2.5	30	199										
1-Oct-06	5:00:00	-3.5	31	200										
2-Oct-06	5:00:00	-4.3	32	201										
3-Oct-06	5:00:00	-6.2	33	202										
4-Oct-06	5:00:00	-10.3	34	203										
5-Oct-06	5:00:00	-11.1	35	204										
6-Oct-06	5:00:00	-10.7	36	205										
7-Oct-06	5:00:00	1.6	37	206										
8-Oct-06	5:00:00	0.4	38	207										
9-Oct-06	5:00:00	-1	39	208										
10-Oct-06	5:00:00	-1.9	40	209										
11-Oct-06	5:00:00	-3.4	41	210										
12-Oct-06	5:00:00	-3.7	42	211										
13-Oct-06	5:00:00	-4.7	43	212										
14-Oct-06	5:00:00	-5.3	44	213										
15-Oct-06	5:00:00	-6.5	45	214										
16-Oct-06	5:00:00	-10.2	46	215										
17-Oct-06	5:00:00	-11.5	47	216										
18-Oct-06	5:00:00	1.2	48	217										
19-Oct-06	5:00:00	0.5	49	218										
20-Oct-06	5:00:00	0.4	50	219										
21-Oct-06	5:00:00	-2.6	51	220										
22-Oct-06	5:00:00	-4.4	52	221										
23-Oct-06	5:00:00	-2.9	53	222										
24-Oct-06	5:00:00	-5.1	54	223										
25-Oct-06	5:00:00	-5.7	55	224										
26-Oct-06	5:00:00	-6.5	56	225										


GAUGE 2 (2006 Gauge Data)
March 16
Start of Growing Season
November 14
End of Growing Season
6 days
17 days
18 days
12 days
8 days
11 days
6 days
56 days
Note: Last gauge download occurred on October 26, 2006. Gauges will continue to be downloaded monthly; the remainder of the data for the growing season will be available upon request.
Water Level (inches)
Precipitation (inches)
Date
Onsite Rain Gauge (inches)
Station Rain Data (inches)
Water Level (inches)

Gauge 2
Data Acquired: September 25, 2006
Serial Number: 9BEC0B5
CD: Consecutive Days Saturation (within 12 inches of the soil surface) During the Growing Season
JD: Julian Days During the Growing Season

Date	Time	Water Level (inches)	CD	JD	(continued) Date	Time	Water Level (inches)	CD	JD	(continued) Date	Time	Water Level (inches)	CD	JD
18-Jan-06	5:00:00	-0.6			31-Mar-06	5:00:00	-24.7		16	11-Jun-06	5:00:00	0.7	9	88
19-Jan-06	5:00:00	-2			1-Apr-06	5:00:00	-24.7		17	12-Jun-06	5:00:00	1	10	89
20-Jan-06	5:00:00	-1.6			2-Apr-06	5:00:00	-24.9		18	13-Jun-06	5:00:00	0.8	11	90
21-Jan-06	5:00:00	-1.4			3-Apr-06	5:00:00	-24.8		19	14-Jun-06	5:00:00	1	12	91
22-Jan-06	5:00:00	-1			4-Apr-06	5:00:00	-22.7		20	15-Jun-06	5:00:00	1.2	13	92
23-Jan-06	5:00:00	-0.1			5-Apr-06	5:00:00	-24		21	16-Jun-06	5:00:00	0.7	14	93
24-Jan-06	5:00:00	-0.2			6-Apr-06	5:00:00	-24.2		22	17-Jun-06	5:00:00	0.1	15	94
25-Jan-06	5:00:00	-0.9			7-Apr-06	5:00:00	-24.3		23	18-Jun-06	5:00:00	-1.5	16	95
26-Jan-06	5:00:00	-3.6			8-Apr-06	5:00:00	-24.3		24	19-Jun-06	5:00:00	-6.2	17	96
27-Jan-06	5:00:00	-7.1			9-Apr-06	5:00:00	-24.3		25	20-Jun-06	5:00:00	-9.5	18	97
28-Jan-06	5:00:00	-5.6			10-Apr-06	5:00:00	-24.6		26	21-Jun-06	5:00:00	-12.7		98
29-Jan-06	5:00:00	-5.3			11-Apr-06	5:00:00	-24.6		27	22-Jun-06	5:00:00	1.2	1	99
30-Jan-06	5:00:00	-3.6			12-Apr-06	5:00:00	-24.5		28	23-Jun-06	5:00:00	1	2	100
31-Jan-06	5:00:00	-2.6			13-Apr-06	5:00:00	-24.5		29	24-Jun-06	5:00:00	0.5	3	101
1-Feb-06	5:00:00	-1.4			14-Apr-06	5:00:00	-24.5		30	25-Jun-06	5:00:00	-2.8	4	102
2-Feb-06	5:00:00	-1.1			15-Apr-06	5:00:00	-24.7		31	26-Jun-06	5:00:00	0.8	5	103
3-Feb-06	5:00:00	0			16-Apr-06	5:00:00	-24.7		32	27-Jun-06	5:00:00	1.6	6	104
4-Feb-06	5:00:00	0.3			17-Apr-06	5:00:00	-24.7		33	28-Jun-06	5:00:00	1.5	7	105
5-Feb-06	5:00:00	-0.8			18-Apr-06	5:00:00	-24.5		34	29-Jun-06	5:00:00	0.6	8	106
6-Feb-06	5:00:00	-3			19-Apr-06	5:00:00	-24.5		35	30-Jun-06	5:00:00	-1	9	107
7-Feb-06	5:00:00	-3.2			20-Apr-06	5:00:00	-24.5		36	1-Jul-06	5:00:00	-4.7	10	108
8-Feb-06	5:00:00	-6.9			21-Apr-06	5:00:00	-24.7		37	2-Jul-06	5:00:00	-7	11	109
9-Feb-06	5:00:00	-7.8			22-Apr-06	5:00:00	-24.7		38	3-Jul-06	5:00:00	-10.1	12	110
10-Feb-06	5:00:00	-14.1			23-Apr-06	5:00:00	-4	1	39	4-Jul-06	5:00:00	-13.3		111
11-Feb-06	5:00:00	-11.5			24-Apr-06	5:00:00	-9	2	40	5-Jul-06	5:00:00	-14.9		112
12-Feb-06	5:00:00	-2.7			25-Apr-06	5:00:00	-12.8		41	6-Jul-06	5:00:00	-16.7		113
13-Feb-06	5:00:00	-7.8			26-Apr-06	5:00:00	-2.4	1	42	7-Jul-06	5:00:00	-12.2		114
14-Feb-06	5:00:00	-11.1			27-Apr-06	5:00:00	-1.6	2	43	8-Jul-06	5:00:00	-13.6		115
15-Feb-06	5:00:00	-12.1			28-Apr-06	5:00:00	-0.4	3	44	9-Jul-06	5:00:00	-15.5		116
16-Feb-06	5:00:00	-15.3			29-Apr-06	5:00:00	-0.9	4	45	10-Jul-06	5:00:00	-17.4		117
17-Feb-06	5:00:00	-16			30-Apr-06	5:00:00	-3.5	5	46	11-Jul-06	5:00:00	-18.7		118
18-Feb-06	5:00:00	-18.7			1-May-06	5:00:00	-9.9	6	47	12-Jul-06	5:00:00	-19.5		119
19-Feb-06	5:00:00	-19.8			2-May-06	5:00:00	-13.7		48	13-Jul-06	5:00:00	-20.2		120
20-Feb-06	5:00:00	-20			3-May-06	5:00:00	-15.6		49	14-Jul-06	5:00:00	0.8	1	121
21-Feb-06	5:00:00	-19.9			4-May-06	5:00:00	-18.1		50	15-Jul-06	5:00:00	1.1	2	122
22-Feb-06	5:00:00	-20.8			5-May-06	5:00:00	-19.3		51	16-Jul-06	5:00:00	0.1	3	123
23-Feb-06	5:00:00	-9.5			6-May-06	5:00:00	-1.9	1	52	17-Jul-06	5:00:00	-2.1	4	124
24-Feb-06	5:00:00	-8.4			7-May-06	5:00:00	-7	2	53	18-Jul-06	5:00:00	-5.2	5	125
25-Feb-06	5:00:00	-14.1			8-May-06	5:00:00	0.9	3	54	19-Jul-06	5:00:00	-7.5	6	126
26-Feb-06	5:00:00	-15.6			9-May-06	5:00:00	0.5	4	55	20-Jul-06	5:00:00	-9.9	7	127
27-Feb-06	5:00:00	-20.4			10-May-06	5:00:00	-0.2	5	56	21-Jul-06	5:00:00	-11.8	8	128
28-Feb-06	5:00:00	-21.3			11-May-06	5:00:00	-0.6	6	57	22-Jul-06	5:00:00	-13.6		129
1-Mar-06	5:00:00	-22.3			12-May-06	5:00:00	-1.2	7	58	23-Jul-06	5:00:00	-15.4		130
2-Mar-06	5:00:00	-23			13-May-06	5:00:00	-5.1	8	59	24-Jul-06	5:00:00	-16.9		131
3-Mar-06	5:00:00	-23.2			14-May-06	5:00:00	-9.6	9	60	25-Jul-06	5:00:00	-13.4		132
4-Mar-06	5:00:00	-23.8			15-May-06	5:00:00	0.7	10	61	26-Jul-06	5:00:00	1	1	133
5-Mar-06	5:00:00	-25			16-May-06	5:00:00	0.3	11	62	27-Jul-06	5:00:00	0.1	2	134
6-Mar-06	5:00:00	-25.1			17-May-06	5:00:00	-0.3	12	63	28-Jul-06	5:00:00	-0.4	3	135
7-Mar-06	5:00:00	-25			18-May-06	5:00:00	-1	13	64	29-Jul-06	5:00:00	-0.3	4	136
8-Mar-06	5:00:00	-25.1			19-May-06	5:00:00	-0.1	14	65	30-Jul-06	5:00:00	-0.9	5	137
9-Mar-06	5:00:00	-25.1			20-May-06	5:00:00	-0.7	15	66	31-Jul-06	5:00:00	-2.4	6	138
10-Mar-06	5:00:00	-25.1			21-May-06	5:00:00	-1.8	16	67	1-Aug-06	5:00:00	-4.7	7	139
11-Mar-06	5:00:00	-25.1			22-May-06	5:00:00	-7.4	17	68	2-Aug-06	5:00:00	-6.5	8	140
12-Mar-06	5:00:00	-25			23-May-06	5:00:00	-12.7		69	3-Aug-06	5:00:00	-8.1	9	141
13-Mar-06	5:00:00	-25			24-May-06	5:00:00	-16.3		70	4-Aug-06	5:00:00	-9.7	10	142
14-Mar-06	5:00:00	-25.1			25-May-06	5:00:00	-18.2		71	5-Aug-06	5:00:00	-11.2	11	143
15-Mar-06	5:00:00	-25.2			26-May-06	5:00:00	-18.8		72	6-Aug-06	5:00:00	-12.9		144
16-Mar-06	5:00:00	-25.2		1	27-May-06	5:00:00	-2.8	1	73	7-Aug-06	5:00:00	-14.4		145
17-Mar-06	5:00:00	-25.2		2	28-May-06	5:00:00	-10.5	2	74	8-Aug-06	5:00:00	-15.7		146
18-Mar-06	5:00:00	-25.2		3	29-May-06	5:00:00	-14.7		75	9-Aug-06	5:00:00	-4.8	1	147
19-Mar-06	5:00:00	-25.2		4	30-May-06	5:00:00	-17.5		76	10-Aug-06	5:00:00	-8	2	148
20-Mar-06	5:00:00	-25.2		5	31-May-06	5:00:00	-19.6		77	11-Aug-06	5:00:00	-6.1	3	149
21-Mar-06	5:00:00	-25.1		6	1-Jun-06	5:00:00	-20.8		78	12-Aug-06	5:00:00	-8.6	4	150
22-Mar-06	5:00:00	-22		7	2-Jun-06	5:00:00	-21.1		79	13-Aug-06	5:00:00	-10.2	5	151
23-Mar-06	5:00:00	-23.2		8	3-Jun-06	5:00:00	-0.9	1	80	14-Aug-06	5:00:00	-11.7	6	152
24-Mar-06	5:00:00	-23.2		9	4-Jun-06	5:00:00	-1	2	81	15-Aug-06	5:00:00	-12.8		153
25-Mar-06	5:00:00	-23.2		10	5-Jun-06	5:00:00	-0.4	3	82	16-Aug-06	5:00:00	-13.9		154
26-Mar-06	5:00:00	-23.4		11	6-Jun-06	5:00:00	-5.1	4	83	17-Aug-06	5:00:00	-15.2		155
27-Mar-06	5:00:00	-23.5		12	7-Jun-06	5:00:00	0.2	5	84	18-Aug-06	5:00:00	-16.4		156
28-Mar-06	5:00:00	-23.6		13	8-Jun-06	5:00:00	-0.6	6	85	19-Aug-06	5:00:00	-17.3		157
29-Mar-06	5:00:00	-23.6		14	9-Jun-06	5:00:00	-2.7	7	86	20-Aug-06	5:00:00	-18.2		158
30-Mar-06	5:00:00	-23.6		15	10-Jun-06	5:00:00	-6.8	8	87	21-Aug-06	5:00:00	-18.8		159

Page 2 Gauge 2														
(continued)					(continued)					(continued)				
Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD
22-Aug-06	5:00:00	-19.7		160										
23-Aug-06	5:00:00	-20.4		161										
24-Aug-06	5:00:00	-20.9		162										
25-Aug-06	5:00:00	-21.3		163										
26-Aug-06	5:00:00	-21.5		164										
27-Aug-06	5:00:00	-21.7		165										
28-Aug-06	5:00:00	-21.6		166										
29-Aug-06	5:00:00	-21.4		167										
30-Aug-06	5:00:00	-21.5		168										
31-Aug-06	5:00:00	-11.9		169										
1-Sep-06	5:00:00	2.9	1	170										
2-Sep-06	5:00:00	1.2	2	171										
3-Sep-06	5:00:00	1	3	172										
4-Sep-06	5:00:00	-0.3	4	173										
5-Sep-06	5:00:00	-1.9	5	174										
6-Sep-06	5:00:00	1.7	6	175										
7-Sep-06	5:00:00	1	7	176										
8-Sep-06	5:00:00	0.6	8	177										
9-Sep-06	5:00:00	-0.1	9	178										
10-Sep-06	5:00:00	-1.1	10	179										
11-Sep-06	5:00:00	-2.5	11	180										
12-Sep-06	5:00:00	-4.7	12	181										
13-Sep-06	5:00:00	-6	13	182										
14-Sep-06	5:00:00	-6.1	14	183										
15-Sep-06	5:00:00	0.6	15	184										
16-Sep-06	5:00:00	0.3	16	185										
17-Sep-06	5:00:00	-1.5	17	186										
18-Sep-06	5:00:00	-3.9	18	187										
19-Sep-06	5:00:00	-4.7	19	188										
20-Sep-06	5:00:00	1.6	20	189										
21-Sep-06	5:00:00	0.6	21	190										
22-Sep-06	5:00:00	0.2	22	191										
23-Sep-06	5:00:00	-1.1	23	192										
24-Sep-06	5:00:00	-1.7	24	193										
25-Sep-06	5:00:00	-1.4	25	194										
26-Sep-06	5:00:00	-4.3	26	195										
27-Sep-06	5:00:00	-5.6	27	196										
28-Sep-06	5:00:00	-6.8	28	197										
29-Sep-06	5:00:00	-1	29	198										
30-Sep-06	5:00:00	-5.6	30	199										
1-Oct-06	5:00:00	-6.7	31	200										
2-Oct-06	5:00:00	-7.7	32	201										
3-Oct-06	5:00:00	-8.7	33	202										
4-Oct-06	5:00:00	-9.3	34	203										
5-Oct-06	5:00:00	-9.9	35	204										
6-Oct-06	5:00:00	-10.6	36	205										
7-Oct-06	5:00:00	0.2	37	206										
8-Oct-06	5:00:00	-0.5	38	207										
9-Oct-06	5:00:00	-3.5	39	208										
10-Oct-06	5:00:00	-4.6	40	209										
11-Oct-06	5:00:00	-5.8	41	210										
12-Oct-06	5:00:00	-6.2	42	211										
13-Oct-06	5:00:00	-7.8	43	212										
14-Oct-06	5:00:00	-8.7	44	213										
15-Oct-06	5:00:00	-9.7	45	214										
16-Oct-06	5:00:00	-10.3	46	215										
17-Oct-06	5:00:00	-10.6	47	216										
18-Oct-06	5:00:00	0.8	48	217										
19-Oct-06	5:00:00	0.7	49	218										
20-Oct-06	5:00:00	0.4	50	219										
21-Oct-06	5:00:00	-3.8	51	220										
22-Oct-06	5:00:00	-5.7	52	221										
23-Oct-06	5:00:00	-3.8	53	222										
24-Oct-06	5:00:00	-6.4	54	223										
25-Oct-06	5:00:00	-7.6	55	224										
26-Oct-06	5:00:00	-8.5	56	225										


GAUGE 3 (2006 Gauge Data)
March 16
Start of Growing Season
November 14
End of Growing Season
7 days
19 days
33 days
8 days
11 days
5 days
56 days
Note: Last gauge download occurred on October 26, 2006. Gauges will continue to be downloaded monthly; the remainder of the data for the growing season will be available upon request.
Water Level (inches)
Precipitation (inches)
Date
Onsite Rain Gauge (inches)
Station Rain Data (inches)
Water Level (inches)

Gauge 3
Data Acquired: September 25, 2006
Serial Number: A3BF21B
CD: Consecutive Days Saturation (within 12 inches of the soil surface) During the Growing Season
JD: Julian Days During the Growing Season

Date	Time	Water Level (inches)	CD	JD	(continued) Date	Time	Water Level (inches)	CD	JD	(continued) Date	Time	Water Level (inches)	CD	JD
18-Jan-06	5:00:00	-1.1			31-Mar-06	5:00:00	-23.3		16	11-Jun-06	5:00:00	0.9	9	88
19-Jan-06	5:00:00	-1.6			1-Apr-06	5:00:00	-23.1		17	12-Jun-06	5:00:00	1.5	10	89
20-Jan-06	5:00:00	-1.6			2-Apr-06	5:00:00	-23.3		18	13-Jun-06	5:00:00	1.4	11	90
21-Jan-06	5:00:00	-1.5			3-Apr-06	5:00:00	-23.4		19	14-Jun-06	5:00:00	1.2	12	91
22-Jan-06	5:00:00	-1.2			4-Apr-06	5:00:00	-23.2		20	15-Jun-06	5:00:00	2.1	13	92
23-Jan-06	5:00:00	-1			5-Apr-06	5:00:00	-23.3		21	16-Jun-06	5:00:00	1.3	14	93
24-Jan-06	5:00:00	-0.9			6-Apr-06	5:00:00	-23.4		22	17-Jun-06	5:00:00	0.3	15	94
25-Jan-06	5:00:00	-1			7-Apr-06	5:00:00	-23.5		23	18-Jun-06	5:00:00	-0.8	16	95
26-Jan-06	5:00:00	-2.8			8-Apr-06	5:00:00	-23.4		24	19-Jun-06	5:00:00	-2.9	17	96
27-Jan-06	5:00:00	-5.2			9-Apr-06	5:00:00	-23.4		25	20-Jun-06	5:00:00	-5.2	18	97
28-Jan-06	5:00:00	-4.1			10-Apr-06	5:00:00	-23.4		26	21-Jun-06	5:00:00	-8.8	19	98
29-Jan-06	5:00:00	-3.9			11-Apr-06	5:00:00	-23.4		27	22-Jun-06	5:00:00	2	20	99
30-Jan-06	5:00:00	-2.9			12-Apr-06	5:00:00	-23.4		28	23-Jun-06	5:00:00	1.2	21	100
31-Jan-06	5:00:00	-1.3			13-Apr-06	5:00:00	-23.5		29	24-Jun-06	5:00:00	0.3	22	101
1-Feb-06	5:00:00	-1.2			14-Apr-06	5:00:00	-23.4		30	25-Jun-06	5:00:00	-1.1	23	102
2-Feb-06	5:00:00	-1.2			15-Apr-06	5:00:00	-23.5		31	26-Jun-06	5:00:00	1.1	24	103
3-Feb-06	5:00:00	-0.8			16-Apr-06	5:00:00	-23.4		32	27-Jun-06	5:00:00	2.8	25	104
4-Feb-06	5:00:00	-0.3			17-Apr-06	5:00:00	-23.4		33	28-Jun-06	5:00:00	2.2	26	105
5-Feb-06	5:00:00	-1			18-Apr-06	5:00:00	-23.3		34	29-Jun-06	5:00:00	1.4	27	106
6-Feb-06	5:00:00	-2.1			19-Apr-06	5:00:00	-23.4		35	30-Jun-06	5:00:00	0.4	28	107
7-Feb-06	5:00:00	-2.5			20-Apr-06	5:00:00	-23.3		36	1-Jul-06	5:00:00	-1.3	29	108
8-Feb-06	5:00:00	-4.7			21-Apr-06	5:00:00	-23.3		37	2-Jul-06	5:00:00	-3.2	30	109
9-Feb-06	5:00:00	-4.5			22-Apr-06	5:00:00	-23.2		38	3-Jul-06	5:00:00	-5.9	31	110
10-Feb-06	5:00:00	-8.7			23-Apr-06	5:00:00	-5.3	1	39	4-Jul-06	5:00:00	-8.7	32	111
11-Feb-06	5:00:00	-6.4			24-Apr-06	5:00:00	-9.1	2	40	5-Jul-06	5:00:00	-9.5	33	112
12-Feb-06	5:00:00	-1.9			25-Apr-06	5:00:00	-13		41	6-Jul-06	5:00:00	-14.3		113
13-Feb-06	5:00:00	-6			26-Apr-06	5:00:00	-3.1	1	42	7-Jul-06	5:00:00	-4.9	1	114
14-Feb-06	5:00:00	-7.5			27-Apr-06	5:00:00	-2.2	2	43	8-Jul-06	5:00:00	-9.1	2	115
15-Feb-06	5:00:00	-6.9			28-Apr-06	5:00:00	-0.4	3	44	9-Jul-06	5:00:00	-12.9		116
16-Feb-06	5:00:00	-9.7			29-Apr-06	5:00:00	-1.4	4	45	10-Jul-06	5:00:00	-17.1		117
17-Feb-06	5:00:00	-11.4			30-Apr-06	5:00:00	-3.6	5	46	11-Jul-06	5:00:00	-19.1		118
18-Feb-06	5:00:00	-15			1-May-06	5:00:00	-6.1	6	47	12-Jul-06	5:00:00	-20.1		119
19-Feb-06	5:00:00	-16.1			2-May-06	5:00:00	-8.8	7	48	13-Jul-06	5:00:00	-20.4		120
20-Feb-06	5:00:00	-16.2			3-May-06	5:00:00	-12.3		49	14-Jul-06	5:00:00	0.8	1	121
21-Feb-06	5:00:00	-16.4			4-May-06	5:00:00	-16.2		50	15-Jul-06	5:00:00	1.4	2	122
22-Feb-06	5:00:00	-18.2			5-May-06	5:00:00	-18.1		51	16-Jul-06	5:00:00	1.2	3	123
23-Feb-06	5:00:00	-4.5			6-May-06	5:00:00	-2.7	1	52	17-Jul-06	5:00:00	-0.7	4	124
24-Feb-06	5:00:00	-6.6			7-May-06	5:00:00	-8.4	2	53	18-Jul-06	5:00:00	-3.4	5	125
25-Feb-06	5:00:00	-10.8			8-May-06	5:00:00	1.5	3	54	19-Jul-06	5:00:00	-6	6	126
26-Feb-06	5:00:00	-12.8			9-May-06	5:00:00	0.2	4	55	20-Jul-06	5:00:00	-7.5	7	127
27-Feb-06	5:00:00	-19.7			10-May-06	5:00:00	-0.2	5	56	21-Jul-06	5:00:00	-9.8	8	128
28-Feb-06	5:00:00	-19.7			11-May-06	5:00:00	-0.7	6	57	22-Jul-06	5:00:00	-12.5		129
1-Mar-06	5:00:00	-20.9			12-May-06	5:00:00	-1.3	7	58	23-Jul-06	5:00:00	-14.9		130
2-Mar-06	5:00:00	-21.5			13-May-06	5:00:00	-2.8	8	59	24-Jul-06	5:00:00	-17.3		131
3-Mar-06	5:00:00	-22.8			14-May-06	5:00:00	-4.2	9	60	25-Jul-06	5:00:00	-12.1		132
4-Mar-06	5:00:00	-23.3			15-May-06	5:00:00	1.4	10	61	26-Jul-06	5:00:00	2.2	1	133
5-Mar-06	5:00:00	-23.4			16-May-06	5:00:00	0.7	11	62	27-Jul-06	5:00:00	1.4	2	134
6-Mar-06	5:00:00	-23.3			17-May-06	5:00:00	0.1	12	63	28-Jul-06	5:00:00	1.6	3	135
7-Mar-06	5:00:00	-23.3			18-May-06	5:00:00	-0.7	13	64	29-Jul-06	5:00:00	1.6	4	136
8-Mar-06	5:00:00	-23.4			19-May-06	5:00:00	0.1	14	65	30-Jul-06	5:00:00	0.9	5	137
9-Mar-06	5:00:00	-23.3			20-May-06	5:00:00	-0.2	15	66	31-Jul-06	5:00:00	-0.7	6	138
10-Mar-06	5:00:00	-23.2			21-May-06	5:00:00	-1.3	16	67	1-Aug-06	5:00:00	-2.4	7	139
11-Mar-06	5:00:00	-23			22-May-06	5:00:00	-3.2	17	68	2-Aug-06	5:00:00	-4.5	8	140
12-Mar-06	5:00:00	-23.1			23-May-06	5:00:00	-5.1	18	69	3-Aug-06	5:00:00	-6.9	9	141
13-Mar-06	5:00:00	-23.1			24-May-06	5:00:00	-8.6	19	70	4-Aug-06	5:00:00	-8.2	10	142
14-Mar-06	5:00:00	-23.1			25-May-06	5:00:00	-13.3		71	5-Aug-06	5:00:00	-10.1	11	143
15-Mar-06	5:00:00	-23.2			26-May-06	5:00:00	-16.1		72	6-Aug-06	5:00:00	-12.5		144
16-Mar-06	5:00:00	-23.4		1	27-May-06	5:00:00	-3.2	1	73	7-Aug-06	5:00:00	-14.4		145
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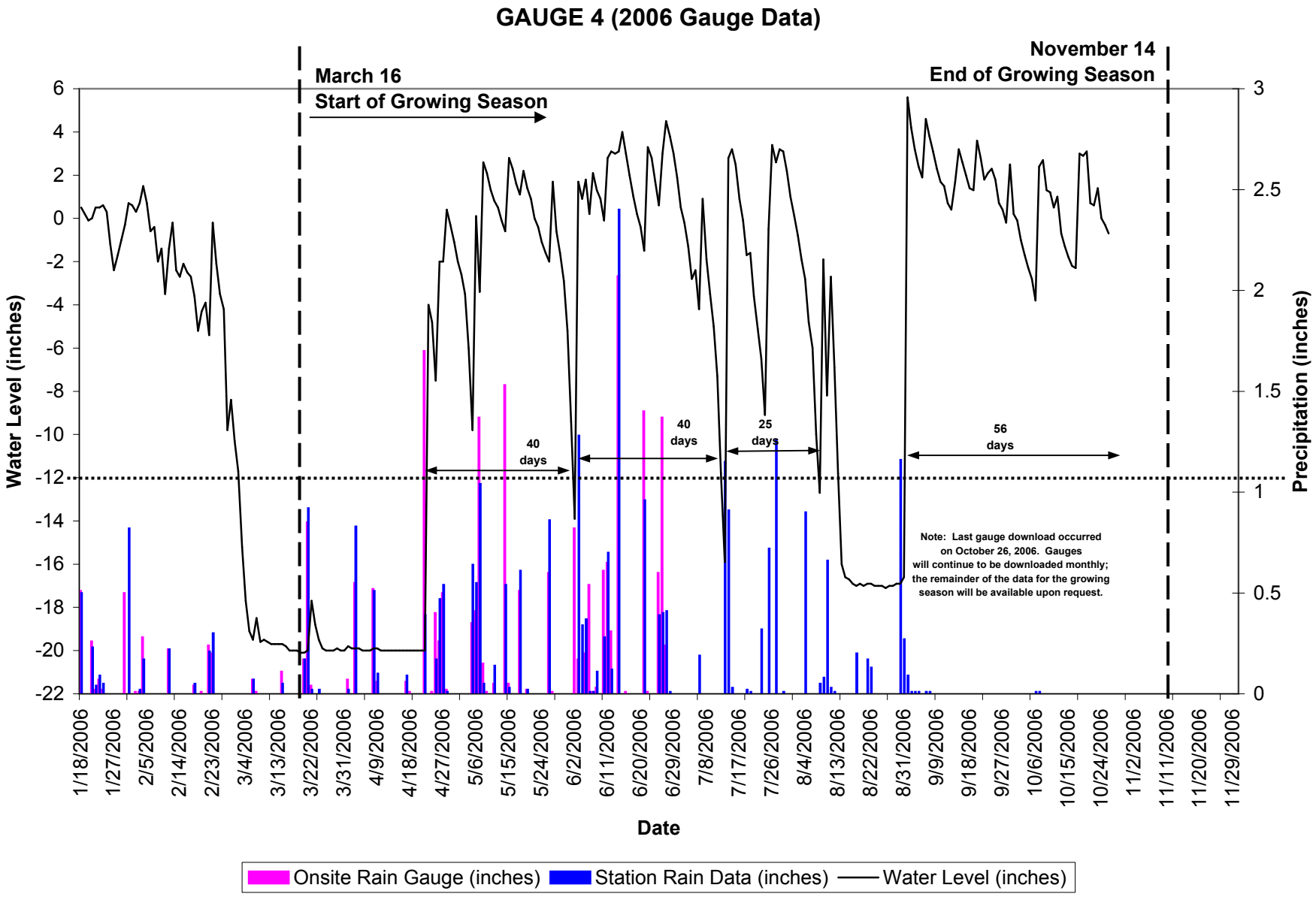
18-Mar-06	5:00:00	-23.4		3	29-May-06	5:00:00	-12.4		75	9-Aug-06	5:00:00	-7.9	1	147
19-Mar-06	5:00:00	-23.4		4	30-May-06	5:00:00	-16.8		76	10-Aug-06	5:00:00	-9.7	2	148
20-Mar-06	5:00:00	-23.4		5	31-May-06	5:00:00	-19.1		77	11-Aug-06	5:00:00	-8.2	3	149
21-Mar-06	5:00:00	-23.2		6	1-Jun-06	5:00:00	-20.1		78	12-Aug-06	5:00:00	-9.7	4	150
22-Mar-06	5:00:00	-21.9		7	2-Jun-06	5:00:00	-20.4		79	13-Aug-06	5:00:00	-11	5	151
23-Mar-06	5:00:00	-23		8	3-Jun-06	5:00:00	-2	1	80	14-Aug-06	5:00:00	-12.5		152
24-Mar-06	5:00:00	-23.3		9	4-Jun-06	5:00:00	-2.1	2	81	15-Aug-06	5:00:00	-13.6		153
25-Mar-06	5:00:00	-23.3		10	5-Jun-06	5:00:00	-0.4	3	82	16-Aug-06	5:00:00	-15.1		154
26-Mar-06	5:00:00	-23.3		11	6-Jun-06	5:00:00	-5.2	4	83	17-Aug-06	5:00:00	-17.8		155
27-Mar-06	5:00:00	-23.4		12	7-Jun-06	5:00:00	0.3	5	84	18-Aug-06	5:00:00	-18.7		156
28-Mar-06	5:00:00	-23.4		13	8-Jun-06	5:00:00	-2.2	6	85	19-Aug-06	5:00:00	-19		157
29-Mar-06	5:00:00	-23.3		14	9-Jun-06	5:00:00	-3.2	7	86	20-Aug-06	5:00:00	-19.1		158
30-Mar-06	5:00:00	-23.2		15	10-Jun-06	5:00:00	-7.3	8	87	21-Aug-06	5:00:00	-19.2		159

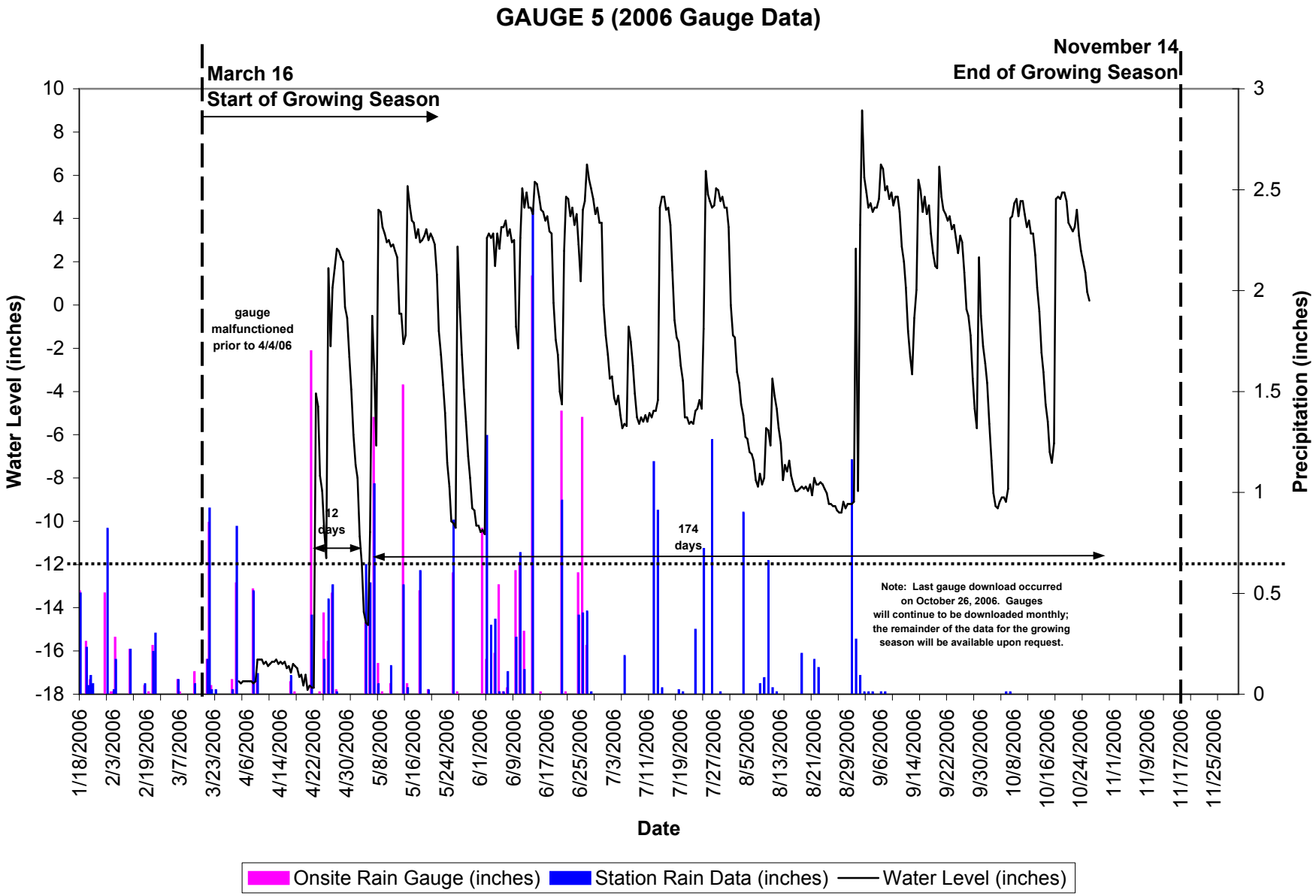
Page 2 Gauge 3														
(continued)					(continued)					(continued)				
Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD
22-Aug-06	5:00:00	-19.5		160										
23-Aug-06	5:00:00	-19.9		161										
24-Aug-06	5:00:00	-20.1		162										
25-Aug-06	5:00:00	-20.3		163										
26-Aug-06	5:00:00	-20.4		164										
27-Aug-06	5:00:00	-20.6		165										
28-Aug-06	5:00:00	-20.5		166										
29-Aug-06	5:00:00	-20.5		167										
30-Aug-06	5:00:00	-20.6		168										
31-Aug-06	5:00:00	-19.9		169										
1-Sep-06	5:00:00	4.5	1	170										
2-Sep-06	5:00:00	2.2	2	171										
3-Sep-06	5:00:00	1.4	3	172										
4-Sep-06	5:00:00	0.5	4	173										
5-Sep-06	5:00:00	-0.4	5	174										
6-Sep-06	5:00:00	2.3	6	175										
7-Sep-06	5:00:00	1.7	7	176										
8-Sep-06	5:00:00	1	8	177										
9-Sep-06	5:00:00	0.3	9	178										
10-Sep-06	5:00:00	-0.6	10	179										
11-Sep-06	5:00:00	-1.6	11	180										
12-Sep-06	5:00:00	-2.9	12	181										
13-Sep-06	5:00:00	-4.5	13	182										
14-Sep-06	5:00:00	-3.2	14	183										
15-Sep-06	5:00:00	-0.4	15	184										
16-Sep-06	5:00:00	-0.1	16	185										
17-Sep-06	5:00:00	0	17	186										
18-Sep-06	5:00:00	-1.4	18	187										
19-Sep-06	5:00:00	-2	19	188										
20-Sep-06	5:00:00	0.2	20	189										
21-Sep-06	5:00:00	0.1	21	190										
22-Sep-06	5:00:00	0	22	191										
23-Sep-06	5:00:00	0.3	23	192										
24-Sep-06	5:00:00	0.9	24	193										
25-Sep-06	5:00:00	-0.3	25	194										
26-Sep-06	5:00:00	-1.9	26	195										
27-Sep-06	5:00:00	-3.6	27	196										
28-Sep-06	5:00:00	-5.8	28	197										
29-Sep-06	5:00:00	-3.5	29	198										
30-Sep-06	5:00:00	-3.4	30	199										
1-Oct-06	5:00:00	-5.4	31	200										
2-Oct-06	5:00:00	-6.9	32	201										
3-Oct-06	5:00:00	-7.9	33	202										
4-Oct-06	5:00:00	-8.7	34	203										
5-Oct-06	5:00:00	-9	35	204										
6-Oct-06	5:00:00	-9.5	36	205										
7-Oct-06	5:00:00	0.2	37	206										
8-Oct-06	5:00:00	0.9	38	207										
9-Oct-06	5:00:00	-1.3	39	208										
10-Oct-06	5:00:00	-1.6	40	209										
11-Oct-06	5:00:00	-3.8	41	210										
12-Oct-06	5:00:00	-3.9	42	211										
13-Oct-06	5:00:00	-6.7	43	212										
14-Oct-06	5:00:00	-7.8	44	213										
15-Oct-06	5:00:00	-8.6	45	214										
16-Oct-06	5:00:00	-9.2	46	215										
17-Oct-06	5:00:00	-9.3	47	216										
18-Oct-06	5:00:00	1.2	48	217										
19-Oct-06	5:00:00	1.5	49	218										
20-Oct-06	5:00:00	1.1	50	219										
21-Oct-06	5:00:00	-2.5	51	220										
22-Oct-06	5:00:00	-4	52	221										
23-Oct-06	5:00:00	-1.2	53	222										
24-Oct-06	5:00:00	-5.2	54	223										
25-Oct-06	5:00:00	-7.1	55	224										
26-Oct-06	5:00:00	-8.1	56	225										


GAUGE 4 (2006 Gauge Data)
March 16
Start of Growing Season
November 14
End of Growing Season
40 days
40 days
25 days
56 days
Note: Last gauge download occurred on October 26, 2006. Gauges will continue to be downloaded monthly; the remainder of the data for the growing season will be available upon request.
Water Level (inches)
Precipitation (inches)
Date
Onsite Rain Gauge (inches)
Station Rain Data (inches)
Water Level (inches)

Gauge 4
Data Acquired: September 25, 2006
Serial Number: 9DE7267
CD: Consecutive Days Saturation (within 12 inches of the soil surface) During the Growing Season
JD: Julian Days During the Growing Season

Date	Time	Water Level (inches)	CD	JD	(continued) Date	Time	Water Level (inches)	CD	JD	(continued) Date	Time	Water Level (inches)	CD	JD
18-Jan-06	5:00:00	0.5			31-Mar-06	5:00:00	-20		16	11-Jun-06	5:00:00	2.8	9	88
19-Jan-06	5:00:00	0.2			1-Apr-06	5:00:00	-19.8		17	12-Jun-06	5:00:00	3.1	10	89
20-Jan-06	5:00:00	-0.1			2-Apr-06	5:00:00	-19.9		18	13-Jun-06	5:00:00	3	11	90
21-Jan-06	5:00:00	0			3-Apr-06	5:00:00	-19.9		19	14-Jun-06	5:00:00	3.1	12	91
22-Jan-06	5:00:00	0.5			4-Apr-06	5:00:00	-19.9		20	15-Jun-06	5:00:00	4	13	92
23-Jan-06	5:00:00	0.5			5-Apr-06	5:00:00	-20		21	16-Jun-06	5:00:00	3	14	93
24-Jan-06	5:00:00	0.6			6-Apr-06	5:00:00	-20		22	17-Jun-06	5:00:00	2	15	94
25-Jan-06	5:00:00	0.3			7-Apr-06	5:00:00	-20		23	18-Jun-06	5:00:00	1	16	95
26-Jan-06	5:00:00	-1.2			8-Apr-06	5:00:00	-19.9		24	19-Jun-06	5:00:00	0.2	17	96
27-Jan-06	5:00:00	-2.4			9-Apr-06	5:00:00	-19.9		25	20-Jun-06	5:00:00	-0.4	18	97
28-Jan-06	5:00:00	-1.7			10-Apr-06	5:00:00	-20		26	21-Jun-06	5:00:00	-1.5	19	98
29-Jan-06	5:00:00	-1			11-Apr-06	5:00:00	-20		27	22-Jun-06	5:00:00	3.3	20	99
30-Jan-06	5:00:00	-0.3			12-Apr-06	5:00:00	-20		28	23-Jun-06	5:00:00	2.8	21	100
31-Jan-06	5:00:00	0.7			13-Apr-06	5:00:00	-20		29	24-Jun-06	5:00:00	1.7	22	101
1-Feb-06	5:00:00	0.6			14-Apr-06	5:00:00	-20		30	25-Jun-06	5:00:00	0.6	23	102
2-Feb-06	5:00:00	0.3			15-Apr-06	5:00:00	-20		31	26-Jun-06	5:00:00	3	24	103
3-Feb-06	5:00:00	0.7			16-Apr-06	5:00:00	-20		32	27-Jun-06	5:00:00	4.5	25	104
4-Feb-06	5:00:00	1.5			17-Apr-06	5:00:00	-20		33	28-Jun-06	5:00:00	3.8	26	105
5-Feb-06	5:00:00	0.7			18-Apr-06	5:00:00	-20		34	29-Jun-06	5:00:00	3	27	106
6-Feb-06	5:00:00	-0.6			19-Apr-06	5:00:00	-20		35	30-Jun-06	5:00:00	1.9	28	107
7-Feb-06	5:00:00	-0.4			20-Apr-06	5:00:00	-20		36	1-Jul-06	5:00:00	0.5	29	108
8-Feb-06	5:00:00	-2			21-Apr-06	5:00:00	-20		37	2-Jul-06	5:00:00	-0.2	30	109
9-Feb-06	5:00:00	-1.4			22-Apr-06	5:00:00	-20		38	3-Jul-06	5:00:00	-1.3	31	110
10-Feb-06	5:00:00	-3.5			23-Apr-06	5:00:00	-4	1	39	4-Jul-06	5:00:00	-2.8	32	111
11-Feb-06	5:00:00	-1.4			24-Apr-06	5:00:00	-4.8	2	40	5-Jul-06	5:00:00	-2.4	33	112
12-Feb-06	5:00:00	-0.2			25-Apr-06	5:00:00	-7.5	3	41	6-Jul-06	5:00:00	-4.2	34	113
13-Feb-06	5:00:00	-2.4			26-Apr-06	5:00:00	-2	4	42	7-Jul-06	5:00:00	0.9	35	114
14-Feb-06	5:00:00	-2.7			27-Apr-06	5:00:00	-2	5	43	8-Jul-06	5:00:00	-1.9	36	115
15-Feb-06	5:00:00	-2.1			28-Apr-06	5:00:00	0.4	6	44	9-Jul-06	5:00:00	-3.5	37	116
16-Feb-06	5:00:00	-2.5			29-Apr-06	5:00:00	-0.3	7	45	10-Jul-06	5:00:00	-5	38	117
17-Feb-06	5:00:00	-2.7			30-Apr-06	5:00:00	-1.1	8	46	11-Jul-06	5:00:00	-7.3	39	118
18-Feb-06	5:00:00	-3.6			1-May-06	5:00:00	-2	9	47	12-Jul-06	5:00:00	-11.8	40	119
19-Feb-06	5:00:00	-5.2			2-May-06	5:00:00	-2.6	10	48	13-Jul-06	5:00:00	-15.9		120
20-Feb-06	5:00:00	-4.3			3-May-06	5:00:00	-3.5	11	49	14-Jul-06	5:00:00	2.8	1	121
21-Feb-06	5:00:00	-3.9			4-May-06	5:00:00	-6	12	50	15-Jul-06	5:00:00	3.2	2	122
22-Feb-06	5:00:00	-5.4			5-May-06	5:00:00	-9.8	13	51	16-Jul-06	5:00:00	2.5	3	123
23-Feb-06	5:00:00	-0.2			6-May-06	5:00:00	0.1	14	52	17-Jul-06	5:00:00	0.9	4	124
24-Feb-06	5:00:00	-2.1			7-May-06	5:00:00	-3.4	15	53	18-Jul-06	5:00:00	-0.1	5	125
25-Feb-06	5:00:00	-3.5			8-May-06	5:00:00	2.6	16	54	19-Jul-06	5:00:00	-1.7	6	126
26-Feb-06	5:00:00	-4.2			9-May-06	5:00:00	2.1	17	55	20-Jul-06	5:00:00	-1.6	7	127
27-Feb-06	5:00:00	-9.8			10-May-06	5:00:00	1.3	18	56	21-Jul-06	5:00:00	-3.6	8	128
28-Feb-06	5:00:00	-8.4			11-May-06	5:00:00	0.8	19	57	22-Jul-06	5:00:00	-5.1	9	129
1-Mar-06	5:00:00	-10.3			12-May-06	5:00:00	0.5	20	58	23-Jul-06	5:00:00	-6.5	10	130
2-Mar-06	5:00:00	-11.7			13-May-06	5:00:00	-0.1	21	59	24-Jul-06	5:00:00	-9.1	11	131
3-Mar-06	5:00:00	-15.2			14-May-06	5:00:00	-0.6	22	60	25-Jul-06	5:00:00	-0.5	12	132
4-Mar-06	5:00:00	-17.7			15-May-06	5:00:00	2.8	23	61	26-Jul-06	5:00:00	3.4	13	133
5-Mar-06	5:00:00	-19.1			16-May-06	5:00:00	2.3	24	62	27-Jul-06	5:00:00	2.6	14	134
6-Mar-06	5:00:00	-19.5			17-May-06	5:00:00	1.6	25	63	28-Jul-06	5:00:00	3.2	15	135
7-Mar-06	5:00:00	-18.5			18-May-06	5:00:00	1.1	26	64	29-Jul-06	5:00:00	3.1	16	136
8-Mar-06	5:00:00	-19.6			19-May-06	5:00:00	2.2	27	65	30-Jul-06	5:00:00	2.2	17	137
9-Mar-06	5:00:00	-19.5			20-May-06	5:00:00	1.4	28	66	31-Jul-06	5:00:00	1	18	138
10-Mar-06	5:00:00	-19.6			21-May-06	5:00:00	0.9	29	67	1-Aug-06	5:00:00	0.1	19	139
11-Mar-06	5:00:00	-19.7			22-May-06	5:00:00	0	30	68	2-Aug-06	5:00:00	-0.8	20	140
12-Mar-06	5:00:00	-19.7			23-May-06	5:00:00	-0.4	31	69	3-Aug-06	5:00:00	-1.9	21	141
13-Mar-06	5:00:00	-19.7			24-May-06	5:00:00	-1.1	32	70	4-Aug-06	5:00:00	-2.8	22	142
14-Mar-06	5:00:00	-19.7			25-May-06	5:00:00	-1.6	33	71	5-Aug-06	5:00:00	-4.8	23	143
15-Mar-06	5:00:00	-19.8			26-May-06	5:00:00	-2	34	72	6-Aug-06	5:00:00	-6	24	144
16-Mar-06	5:00:00	-20		1	27-May-06	5:00:00	1.7	35	73	7-Aug-06	5:00:00	-10	25	145
17-Mar-06	5:00:00	-20		2	28-May-06	5:00:00	-0.6	36	74	8-Aug-06	5:00:00	-12.7		146
18-Mar-06	5:00:00	-20		3	29-May-06	5:00:00	-1.6	37	75	9-Aug-06	5:00:00	-1.9	1	147
19-Mar-06	5:00:00	-20.1		4	30-May-06	5:00:00	-2.9	38	76	10-Aug-06	5:00:00	-8.2	2	148
20-Mar-06	5:00:00	-20.1		5	31-May-06	5:00:00	-5.2	39	77	11-Aug-06	5:00:00	-2.7	3	149
21-Mar-06	5:00:00	-20		6	1-Jun-06	5:00:00	-9.4	40	78	12-Aug-06	5:00:00	-6.9	4	150
22-Mar-06	5:00:00	-17.7		7	2-Jun-06	5:00:00	-13.9		79	13-Aug-06	5:00:00	-11.8	5	151
23-Mar-06	5:00:00	-18.8		8	3-Jun-06	5:00:00	1.7	1	80	14-Aug-06	5:00:00	-16		152
24-Mar-06	5:00:00	-19.5		9	4-Jun-06	5:00:00	0.9	2	81	15-Aug-06	5:00:00	-16.6		153
25-Mar-06	5:00:00	-19.9		10	5-Jun-06	5:00:00	1.8	3	82	16-Aug-06	5:00:00	-16.7		154
26-Mar-06	5:00:00	-20		11	6-Jun-06	5:00:00	0.2	4	83	17-Aug-06	5:00:00	-16.9		155
27-Mar-06	5:00:00	-20		12	7-Jun-06	5:00:00	2.1	5	84	18-Aug-06	5:00:00	-17		156
28-Mar-06	5:00:00	-20		13	8-Jun-06	5:00:00	1.3	6	85	19-Aug-06	5:00:00	-16.9		157
29-Mar-06	5:00:00	-19.9		14	9-Jun-06	5:00:00	0.9	7	86	20-Aug-06	5:00:00	-17		158
30-Mar-06	5:00:00	-20		15	10-Jun-06	5:00:00	-0.1	8	87	21-Aug-06	5:00:00	-16.9		159

Page 2 Gauge 4														
(continued)					(continued)					(continued)				
Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD
22-Aug-06	5:00:00	-16.9		160										
23-Aug-06	5:00:00	-17		161										
24-Aug-06	5:00:00	-17		162										
25-Aug-06	5:00:00	-17		163										
26-Aug-06	5:00:00	-17.1		164										
27-Aug-06	5:00:00	-17		165										
28-Aug-06	5:00:00	-17		166										
29-Aug-06	5:00:00	-16.9		167										
30-Aug-06	5:00:00	-16.9		168										
31-Aug-06	5:00:00	-16.6		169										
1-Sep-06	5:00:00	5.6	1	170										
2-Sep-06	5:00:00	4.2	2	171										
3-Sep-06	5:00:00	3.2	3	172										
4-Sep-06	5:00:00	2.4	4	173										
5-Sep-06	5:00:00	1.9	5	174										
6-Sep-06	5:00:00	4.6	6	175										
7-Sep-06	5:00:00	3.8	7	176										
8-Sep-06	5:00:00	3.1	8	177										
9-Sep-06	5:00:00	2.3	9	178										
10-Sep-06	5:00:00	1.7	10	179										
11-Sep-06	5:00:00	1.5	11	180										
12-Sep-06	5:00:00	0.7	12	181										
13-Sep-06	5:00:00	0.4	13	182										
14-Sep-06	5:00:00	1.7	14	183										
15-Sep-06	5:00:00	3.2	15	184										
16-Sep-06	5:00:00	2.6	16	185										
17-Sep-06	5:00:00	2	17	186										
18-Sep-06	5:00:00	1.4	18	187										
19-Sep-06	5:00:00	1.3	19	188										
20-Sep-06	5:00:00	3.6	20	189										
21-Sep-06	5:00:00	2.8	21	190										
22-Sep-06	5:00:00	1.8	22	191										
23-Sep-06	5:00:00	2.1	23	192										
24-Sep-06	5:00:00	2.3	24	193										
25-Sep-06	5:00:00	1.8	25	194										
26-Sep-06	5:00:00	0.7	26	195										
27-Sep-06	5:00:00	0.4	27	196										
28-Sep-06	5:00:00	-0.2	28	197										
29-Sep-06	5:00:00	2.5	29	198										
30-Sep-06	5:00:00	0.2	30	199										
1-Oct-06	5:00:00	-0.1	31	200										
2-Oct-06	5:00:00	-1	32	201										
3-Oct-06	5:00:00	-1.7	33	202										
4-Oct-06	5:00:00	-2.3	34	203										
5-Oct-06	5:00:00	-2.8	35	204										
6-Oct-06	5:00:00	-3.8	36	205										
7-Oct-06	5:00:00	2.4	37	206										
8-Oct-06	5:00:00	2.7	38	207										
9-Oct-06	5:00:00	1.3	39	208										
10-Oct-06	5:00:00	1.2	40	209										
11-Oct-06	5:00:00	0.5	41	210										
12-Oct-06	5:00:00	1	42	211										
13-Oct-06	5:00:00	-0.7	43	212										
14-Oct-06	5:00:00	-1.3	44	213										
15-Oct-06	5:00:00	-1.8	45	214										
16-Oct-06	5:00:00	-2.2	46	215										
17-Oct-06	5:00:00	-2.3	47	216										
18-Oct-06	5:00:00	3	48	217										
19-Oct-06	5:00:00	2.9	49	218										
20-Oct-06	5:00:00	3.1	50	219										
21-Oct-06	5:00:00	0.7	51	220										
22-Oct-06	5:00:00	0.6	52	221										
23-Oct-06	5:00:00	1.4	53	222										
24-Oct-06	5:00:00	0	54	223										
25-Oct-06	5:00:00	-0.3	55	224										
26-Oct-06	5:00:00	-0.7	56	225										


GAUGE 5 (2006 Gauge Data)
March 16
Start of Growing Season
November 14
End of Growing Season
gauge malfunctioned prior to 4/4/06
12 days
174 days
Note: Last gauge download occurred on October 26, 2006. Gauges will continue to be downloaded monthly; the remainder of the data for the growing season will be available upon request.
Water Level (inches)
Precipitation (inches)
Date
Onsite Rain Gauge (inches)
Station Rain Data (inches)
Water Level (inches)

Gauge 5
Data Acquired: September 25, 2006
Serial Number: EBD2B2C
CD: Consecutive Days Saturation (within 12 inches of the soil surface) During the Growing Season
JD: Julian Days During the Growing Season

Date	Time	Water Level (inches)	CD	JD	(continued) Date	Time	Water Level (inches)	CD	JD	(continued) Date	Time	Water Level (inches)	CD	JD
gauge malfunctioned prior to April 4, 2006					10-May-06	0:00:00	2.9	5	56	15-Jun-06	0:00:00	5.6	41	92
4-Apr-06	12:00:00	-17.4		20	10-May-06	12:00:00	3	5	56	15-Jun-06	12:00:00	5	41	92
5-Apr-06	0:00:00	-17.5		21	11-May-06	0:00:00	2.7	6	57	16-Jun-06	0:00:00	4.4	42	93
5-Apr-06	12:00:00	-17.4		21	11-May-06	12:00:00	2.8	6	57	16-Jun-06	12:00:00	4.3	42	93
6-Apr-06	0:00:00	-17.4		22	12-May-06	0:00:00	2.5	7	58	17-Jun-06	0:00:00	3.9	43	94
6-Apr-06	12:00:00	-17.4		22	12-May-06	12:00:00	2.2	7	58	17-Jun-06	12:00:00	4.1	43	94
7-Apr-06	0:00:00	-17.4		23	13-May-06	0:00:00	-0.4	8	59	18-Jun-06	0:00:00	3.4	44	95
7-Apr-06	12:00:00	-17.4		23	13-May-06	12:00:00	-0.4	8	59	18-Jun-06	12:00:00	3.3	44	95
8-Apr-06	0:00:00	-17.5		24	14-May-06	0:00:00	-1.8	9	60	19-Jun-06	0:00:00	0.1	45	96
8-Apr-06	12:00:00	-17.4		24	14-May-06	12:00:00	-1.4	9	60	19-Jun-06	12:00:00	-1.6	45	96
9-Apr-06	0:00:00	-16.4		25	15-May-06	0:00:00	5.5	10	61	20-Jun-06	0:00:00	-2.3	46	97
9-Apr-06	12:00:00	-16.4		25	15-May-06	12:00:00	4.6	10	61	20-Jun-06	12:00:00	-4	46	97
10-Apr-06	0:00:00	-16.4		26	16-May-06	0:00:00	3.9	11	62	21-Jun-06	0:00:00	-4.6	47	98
10-Apr-06	12:00:00	-16.6		26	16-May-06	12:00:00	3.8	11	62	21-Jun-06	12:00:00	2.5	47	98
11-Apr-06	0:00:00	-16.5		27	17-May-06	0:00:00	3.1	12	63	22-Jun-06	0:00:00	5	48	99
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14-Apr-06	0:00:00	-16.6		30	20-May-06	0:00:00	3	15	66	25-Jun-06	0:00:00	2.8	51	102
14-Apr-06	12:00:00	-16.5		30	20-May-06	12:00:00	3.3	15	66	25-Jun-06	12:00:00	1.1	51	102
15-Apr-06	0:00:00	-16.6		31	21-May-06	0:00:00	3.1	16	67	26-Jun-06	0:00:00	4.4	52	103
15-Apr-06	12:00:00	-16.5		31	21-May-06	12:00:00	2.8	16	67	26-Jun-06	12:00:00	4.8	52	103
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17-Apr-06	0:00:00	-17		33	23-May-06	0:00:00	-2.3	18	69	28-Jun-06	0:00:00	5.4	54	105
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20-Apr-06	12:00:00	-17.1		36	26-May-06	12:00:00	-10.3	21	72	1-Jul-06	12:00:00	-1.4	57	108
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25-Apr-06	0:00:00	-10.5	3	41	31-May-06	0:00:00	-9.5	26	77	6-Jul-06	0:00:00	-5.5	62	113
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27-Apr-06	12:00:00	1.7	5	43	2-Jun-06	12:00:00	-10.6	28	79	8-Jul-06	12:00:00	-4.1	64	115
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28-Apr-06	12:00:00	2.5	6	44	3-Jun-06	12:00:00	3.3	29	80	9-Jul-06	12:00:00	-5.5	65	116
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30-Apr-06	12:00:00	-0.6	8	46	5-Jun-06	12:00:00	3.3	31	82	11-Jul-06	12:00:00	-5.4	67	118
1-May-06	0:00:00	-2.4	9	47	6-Jun-06	0:00:00	2.6	32	83	12-Jul-06	0:00:00	-5	68	119
1-May-06	12:00:00	-3.9	9	47	6-Jun-06	12:00:00	3.6	32	83	12-Jul-06	12:00:00	-5.2	68	119
2-May-06	0:00:00	-6	10	48	7-Jun-06	0:00:00	3.6	33	84	13-Jul-06	0:00:00	-4.9	69	120
2-May-06	12:00:00	-7.4	10	48	7-Jun-06	12:00:00	3.9	33	84	13-Jul-06	12:00:00	-4.9	69	120
3-May-06	0:00:00	-8	11	49	8-Jun-06	0:00:00	3.2	34	85	14-Jul-06	0:00:00	-4.4	70	121
3-May-06	12:00:00	-10.7	11	49	8-Jun-06	12:00:00	3.5	34	85	14-Jul-06	12:00:00	4.5	70	121
4-May-06	0:00:00	-12	12	50	9-Jun-06	0:00:00	2.9	35	86	15-Jul-06	0:00:00	5	71	122
4-May-06	12:00:00	-14.2	12	50	9-Jun-06	12:00:00	3	35	86	15-Jul-06	12:00:00	5	71	122
5-May-06	0:00:00	-14.7		51	10-Jun-06	0:00:00	-1	36	87	16-Jul-06	0:00:00	4.4	72	123
5-May-06	12:00:00	-14.8		51	10-Jun-06	12:00:00	-2	36	87	16-Jul-06	12:00:00	4.5	72	123
6-May-06	0:00:00	-10.5	1	52	11-Jun-06	0:00:00	3.1	37	88	17-Jul-06	0:00:00	3.7	73	124
6-May-06	12:00:00	-0.5	1	52	11-Jun-06	12:00:00	5.4	37	88	17-Jul-06	12:00:00	1.6	73	124
7-May-06	0:00:00	-3.2	2	53	12-Jun-06	0:00:00	4.5	38	89	18-Jul-06	0:00:00	-0.7	74	125
7-May-06	12:00:00	-6.5	2	53	12-Jun-06	12:00:00	5.2	38	89	18-Jul-06	12:00:00	-1.5	74	125
8-May-06	0:00:00	4.4	3	54	13-Jun-06	0:00:00	4.5	39	90	19-Jul-06	0:00:00	-1.7	75	126
8-May-06	12:00:00	4.3	3	54	13-Jun-06	12:00:00	4.5	39	90	19-Jul-06	12:00:00	-2.8	75	126
9-May-06	0:00:00	3.6	4	55	14-Jun-06	0:00:00	4.2	40	91	20-Jul-06	0:00:00	-3.5	76	127
9-May-06	12:00:00	3.3	4	55	14-Jun-06	12:00:00	5.7	40	91	20-Jul-06	12:00:00	-5.2	76	127

Page 2 Gauge 5														
(continued)					(continued)					(continued)				
Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD
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21-Jul-06	12:00:00	-5.5	77	128	30-Aug-06	12:00:00	-9.1	117	168	9-Oct-06	0:00:00	4.1	157	208
22-Jul-06	0:00:00	-5.4	78	129	31-Aug-06	0:00:00	2.6	118	169	9-Oct-06	12:00:00	4.8	157	208
22-Jul-06	12:00:00	-5.5	78	129	31-Aug-06	12:00:00	-8.6	118	169	10-Oct-06	0:00:00	4.8	158	209
23-Jul-06	0:00:00	-4.9	79	130	1-Sep-06	0:00:00	3.7	119	170	10-Oct-06	12:00:00	4.2	158	209
23-Jul-06	12:00:00	-4.8	79	130	1-Sep-06	12:00:00	9	119	170	11-Oct-06	0:00:00	3.6	159	210
24-Jul-06	0:00:00	-4.4	80	131	2-Sep-06	0:00:00	5.9	120	171	11-Oct-06	12:00:00	3.9	159	210
24-Jul-06	12:00:00	-4.8	80	131	2-Sep-06	12:00:00	5.2	120	171	12-Oct-06	0:00:00	3.3	160	211
25-Jul-06	0:00:00	-1.1	81	132	3-Sep-06	0:00:00	4.5	121	172	12-Oct-06	12:00:00	3.3	160	211
25-Jul-06	12:00:00	6.2	81	132	3-Sep-06	12:00:00	4.7	121	172	13-Oct-06	0:00:00	2.3	161	212
26-Jul-06	0:00:00	5.1	82	133	4-Sep-06	0:00:00	4.3	122	173	13-Oct-06	12:00:00	0.8	161	212
26-Jul-06	12:00:00	4.8	82	133	4-Sep-06	12:00:00	4.5	122	173	14-Oct-06	0:00:00	-0.3	162	213
27-Jul-06	0:00:00	4.5	83	134	5-Sep-06	0:00:00	4.5	123	174	14-Oct-06	12:00:00	-2.2	162	213
27-Jul-06	12:00:00	4.6	83	134	5-Sep-06	12:00:00	4.9	123	174	15-Oct-06	0:00:00	-3.1	163	214
28-Jul-06	0:00:00	5.4	84	135	6-Sep-06	0:00:00	6.5	124	175	15-Oct-06	12:00:00	-4.6	163	214
28-Jul-06	12:00:00	5.3	84	135	6-Sep-06	12:00:00	6.3	124	175	16-Oct-06	0:00:00	-5.4	164	215
29-Jul-06	0:00:00	4.8	85	136	7-Sep-06	0:00:00	5.3	125	176	16-Oct-06	12:00:00	-6.8	164	215
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30-Jul-06	0:00:00	4.5	86	137	8-Sep-06	0:00:00	4.9	126	177	17-Oct-06	12:00:00	-6.4	165	216
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1-Aug-06	0:00:00	0	88	139	9-Sep-06	12:00:00	5	127	178	19-Oct-06	0:00:00	4.9	167	218
1-Aug-06	12:00:00	-1.4	88	139	10-Sep-06	0:00:00	5	128	179	19-Oct-06	12:00:00	5.2	167	218
2-Aug-06	0:00:00	-1.5	89	140	10-Sep-06	12:00:00	4.3	128	179	20-Oct-06	0:00:00	5.2	168	219
2-Aug-06	12:00:00	-3.1	89	140	11-Sep-06	0:00:00	2.7	129	180	20-Oct-06	12:00:00	4.8	168	219
3-Aug-06	0:00:00	-3.6	90	141	11-Sep-06	12:00:00	2	129	180	21-Oct-06	0:00:00	3.8	169	220
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4-Aug-06	0:00:00	-5.1	91	142	12-Sep-06	12:00:00	-1.2	130	181	22-Oct-06	0:00:00	3.4	170	221
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8-Aug-06	0:00:00	-7.8	95	146	16-Sep-06	12:00:00	5	134	185	26-Oct-06	0:00:00	0.2	174	225
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11-Aug-06	12:00:00	-4.2	98	149	20-Sep-06	0:00:00	6.4	138	189					
12-Aug-06	0:00:00	-4.8	99	150	20-Sep-06	12:00:00	5	138	189					
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18-Aug-06	0:00:00	-8.4	105	156	26-Sep-06	12:00:00	-0.2	144	195					
18-Aug-06	12:00:00	-8.5	105	156	27-Sep-06	0:00:00	-0.5	144	195					
19-Aug-06	0:00:00	-8.4	106	157	27-Sep-06	12:00:00	-1.4	145	196					
19-Aug-06	12:00:00	-8.6	106	157	28-Sep-06	0:00:00	-3.4	145	196					
20-Aug-06	0:00:00	-8.3	107	158	28-Sep-06	12:00:00	-4.8	146	197					
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21-Aug-06	0:00:00	-8	108	159	29-Sep-06	12:00:00	2.2	147	198					
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22-Aug-06	0:00:00	-8.3	109	160	30-Sep-06	12:00:00	-1.9	148	199					
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23-Aug-06	0:00:00	-8.3	110	161	1-Oct-06	12:00:00	-3.6	149	200					
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25-Aug-06	0:00:00	-9.2	112	163	3-Oct-06	12:00:00	-9.3	151	202					
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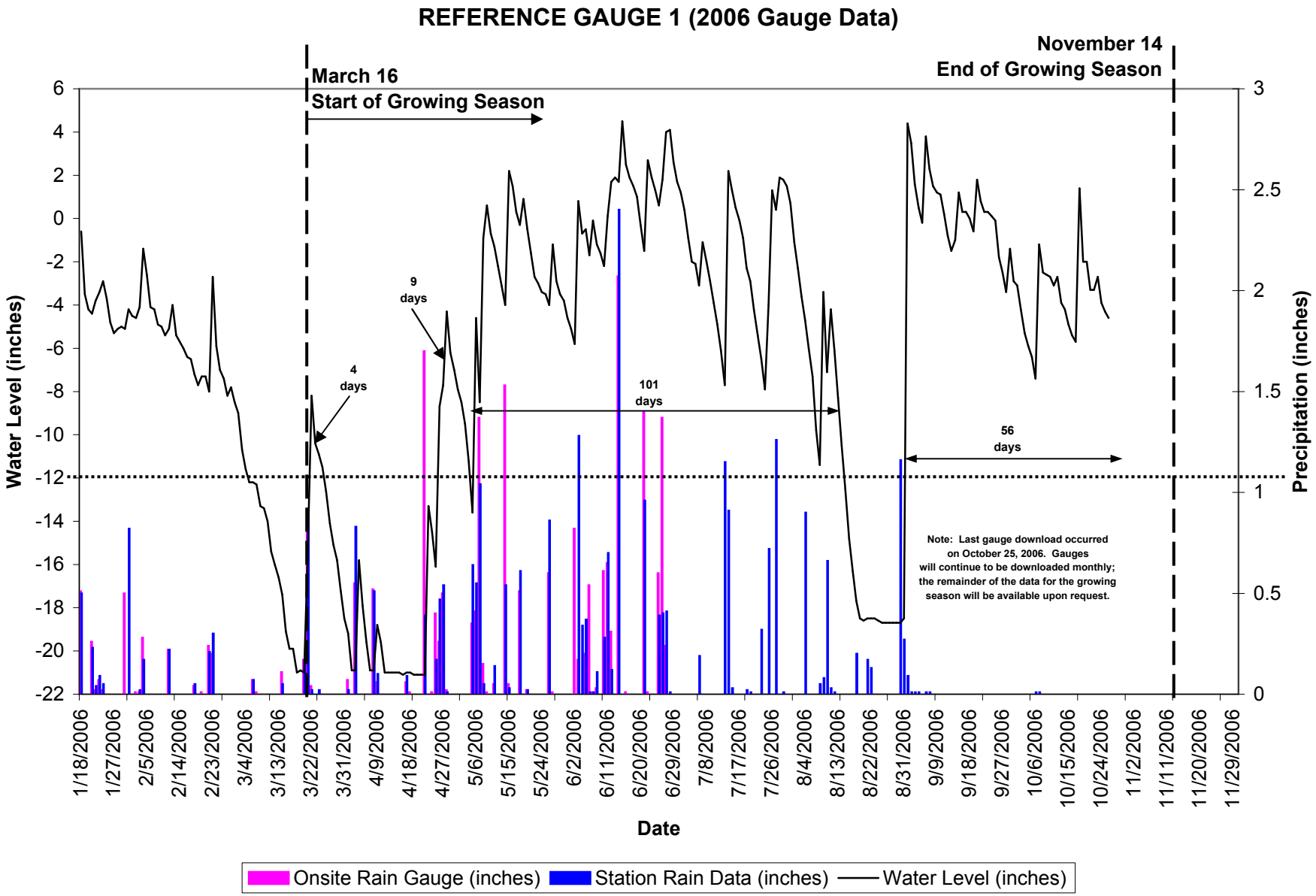
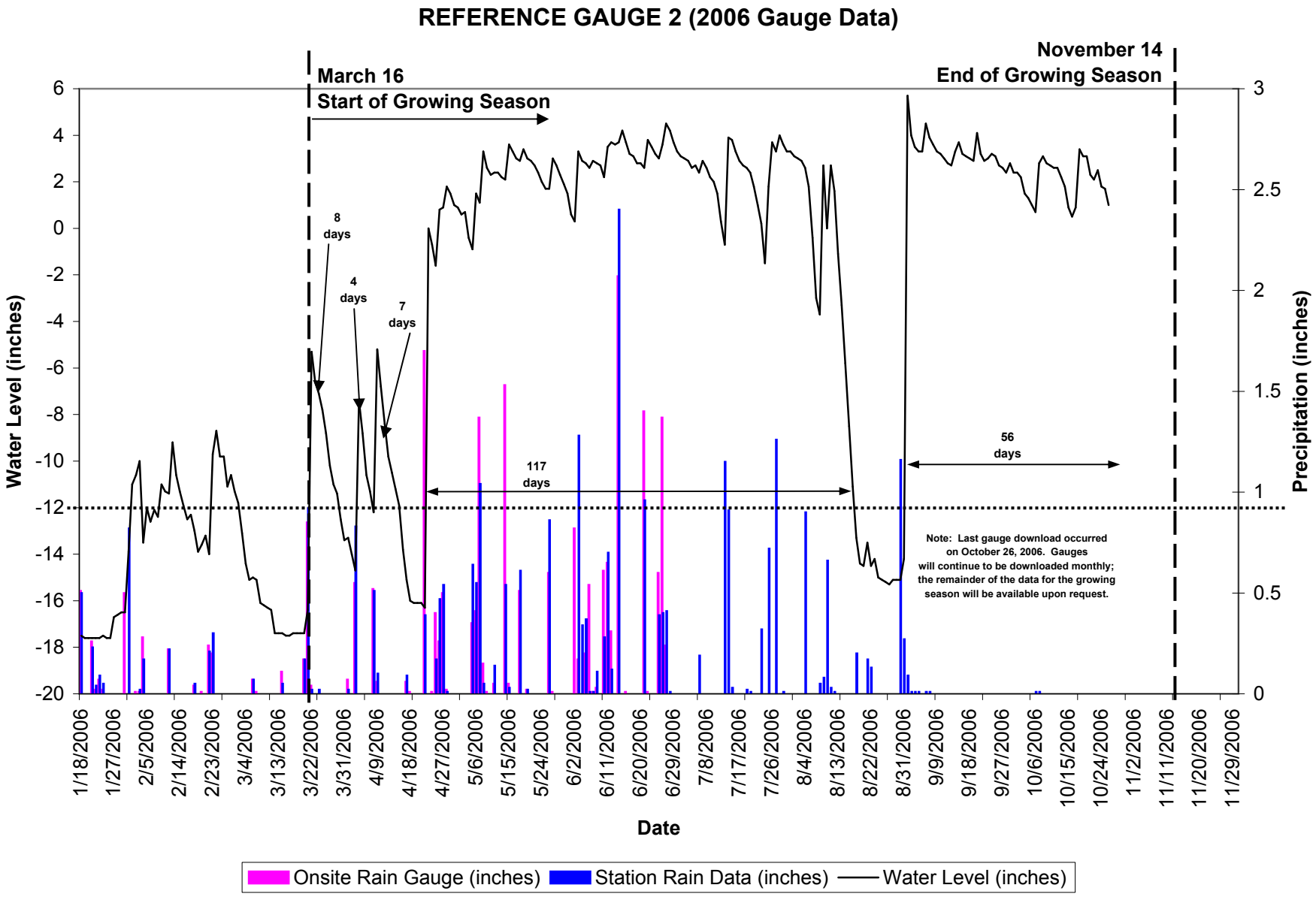
26-Aug-06	12:00:00	-9.5	113	164	5-Oct-06	0:00:00	-8.9	152	203					
27-Aug-06	0:00:00	-9.6	114	165	5-Oct-06	12:00:00	-8.9	153	204					
27-Aug-06	12:00:00	-9.6	114	165	6-Oct-06	0:00:00	-9.1	153	204					
28-Aug-06	0:00:00	-9.1	115	166	6-Oct-06	12:00:00	-8.5	154	205					
28-Aug-06	12:00:00	-9.4	115	166	7-Oct-06	0:00:00	4	154	205					
29-Aug-06	0:00:00	-9.2	116	167	7-Oct-06	12:00:00	4.1	155	206					
29-Aug-06	12:00:00	-9.2	116	167	8-Oct-06	0:00:00	4.7	156	207					


REFERENCE GAUGE 1 (2006 Gauge Data)
March 16
Start of Growing Season
November 14
End of Growing Season
9 days
4 days
101 days
56 days
Note: Last gauge download occurred on October 25, 2006. Gauges will continue to be downloaded monthly; the remainder of the data for the growing season will be available upon request.
Water Level (inches)
Precipitation (inches)
Date
Onsite Rain Gauge (inches)
Station Rain Data (inches)
Water Level (inches)

Reference Gauge 1
Data Acquired: September 25, 2006
Serial Number: A3C0E6F
CD: Consecutive Days Saturation (within 12 inches of the soil surface) During the Growing Season
JD: Julian Days During the Growing Season

Date	Time	Water Level (inches)	CD	JD	(continued) Date	Time	Water Level (inches)	CD	JD	(continued) Date	Time	Water Level (inches)	CD	JD
18-Jan-06	5:00:00	-0.6			31-Mar-06	5:00:00	-18.5		16	11-Jun-06	5:00:00	0.1	37	88
19-Jan-06	5:00:00	-3.5			1-Apr-06	5:00:00	-19.2		17	12-Jun-06	5:00:00	1.7	38	89
20-Jan-06	5:00:00	-4.2			2-Apr-06	5:00:00	-20.9		18	13-Jun-06	5:00:00	1.9	39	90
21-Jan-06	5:00:00	-4.4			3-Apr-06	5:00:00	-20.9		19	14-Jun-06	5:00:00	1.7	40	91
22-Jan-06	5:00:00	-3.8			4-Apr-06	5:00:00	-15.8		20	15-Jun-06	5:00:00	4.5	41	92
23-Jan-06	5:00:00	-3.4			5-Apr-06	5:00:00	-17.9		21	16-Jun-06	5:00:00	2.5	42	93
24-Jan-06	5:00:00	-2.9			6-Apr-06	5:00:00	-19.6		22	17-Jun-06	5:00:00	1.9	43	94
25-Jan-06	5:00:00	-3.7			7-Apr-06	5:00:00	-20.9		23	18-Jun-06	5:00:00	1.5	44	95
26-Jan-06	5:00:00	-4.8			8-Apr-06	5:00:00	-20.9		24	19-Jun-06	5:00:00	1	45	96
27-Jan-06	5:00:00	-5.3			9-Apr-06	5:00:00	-18.8		25	20-Jun-06	5:00:00	-0.3	46	97
28-Jan-06	5:00:00	-5.1			10-Apr-06	5:00:00	-19.6		26	21-Jun-06	5:00:00	-1.5	47	98
29-Jan-06	5:00:00	-5			11-Apr-06	5:00:00	-21		27	22-Jun-06	5:00:00	2.7	48	99
30-Jan-06	5:00:00	-5.1			12-Apr-06	5:00:00	-21		28	23-Jun-06	5:00:00	1.9	49	100
31-Jan-06	5:00:00	-4.2			13-Apr-06	5:00:00	-21		29	24-Jun-06	5:00:00	1.3	50	101
1-Feb-06	5:00:00	-4.5			14-Apr-06	5:00:00	-21		30	25-Jun-06	5:00:00	0.6	51	102
2-Feb-06	5:00:00	-4.6			15-Apr-06	5:00:00	-21		31	26-Jun-06	5:00:00	1.8	52	103
3-Feb-06	5:00:00	-4.1			16-Apr-06	5:00:00	-21.1		32	27-Jun-06	5:00:00	4	53	104
4-Feb-06	5:00:00	-1.4			17-Apr-06	5:00:00	-21		33	28-Jun-06	5:00:00	4.1	54	105
5-Feb-06	5:00:00	-2.6			18-Apr-06	5:00:00	-21		34	29-Jun-06	5:00:00	2.6	55	106
6-Feb-06	5:00:00	-4.1			19-Apr-06	5:00:00	-21.1		35	30-Jun-06	5:00:00	1.7	56	107
7-Feb-06	5:00:00	-4.2			20-Apr-06	5:00:00	-21.1		36	1-Jul-06	5:00:00	1.2	57	108
8-Feb-06	5:00:00	-4.9			21-Apr-06	5:00:00	-21.1		37	2-Jul-06	5:00:00	0.4	58	109
9-Feb-06	5:00:00	-5			22-Apr-06	5:00:00	-21.1		38	3-Jul-06	5:00:00	-0.9	59	110
10-Feb-06	5:00:00	-5.4			23-Apr-06	5:00:00	-13.3		39	4-Jul-06	5:00:00	-2	60	111
11-Feb-06	5:00:00	-5.1			24-Apr-06	5:00:00	-14.5		40	5-Jul-06	5:00:00	-2.1	61	112
12-Feb-06	5:00:00	-4			25-Apr-06	5:00:00	-16.1		41	6-Jul-06	5:00:00	-3.1	62	113
13-Feb-06	5:00:00	-5.4			26-Apr-06	5:00:00	-8.7	1	42	7-Jul-06	5:00:00	-1.1	63	114
14-Feb-06	5:00:00	-5.7			27-Apr-06	5:00:00	-7.7	2	43	8-Jul-06	5:00:00	-2	64	115
15-Feb-06	5:00:00	-6			28-Apr-06	5:00:00	-4.3	3	44	9-Jul-06	5:00:00	-2.9	65	116
16-Feb-06	5:00:00	-6.4			29-Apr-06	5:00:00	-6.2	4	45	10-Jul-06	5:00:00	-3.9	66	117
17-Feb-06	5:00:00	-6.5			30-Apr-06	5:00:00	-7	5	46	11-Jul-06	5:00:00	-4.9	67	118
18-Feb-06	5:00:00	-7.2			1-May-06	5:00:00	-7.9	6	47	12-Jul-06	5:00:00	-6.1	68	119
19-Feb-06	5:00:00	-7.7			2-May-06	5:00:00	-8.5	7	48	13-Jul-06	5:00:00	-7.7	69	120
20-Feb-06	5:00:00	-7.3			3-May-06	5:00:00	-9.5	8	49	14-Jul-06	5:00:00	2.2	70	121
21-Feb-06	5:00:00	-7.3			4-May-06	5:00:00	-11.2	9	50	15-Jul-06	5:00:00	1.3	71	122
22-Feb-06	5:00:00	-8			5-May-06	5:00:00	-13.6		51	16-Jul-06	5:00:00	0.5	72	123
23-Feb-06	5:00:00	-2.7			6-May-06	5:00:00	-4.6	1	52	17-Jul-06	5:00:00	-0.1	73	124
24-Feb-06	5:00:00	-5.9			7-May-06	5:00:00	-8.5	2	53	18-Jul-06	5:00:00	-0.9	74	125
25-Feb-06	5:00:00	-7			8-May-06	5:00:00	-0.9	3	54	19-Jul-06	5:00:00	-2.3	75	126
26-Feb-06	5:00:00	-7.4			9-May-06	5:00:00	0.6	4	55	20-Jul-06	5:00:00	-2.9	76	127
27-Feb-06	5:00:00	-8.2			10-May-06	5:00:00	-0.7	5	56	21-Jul-06	5:00:00	-4.2	77	128
28-Feb-06	5:00:00	-7.8			11-May-06	5:00:00	-1.3	6	57	22-Jul-06	5:00:00	-5.4	78	129
1-Mar-06	5:00:00	-8.5			12-May-06	5:00:00	-2.2	7	58	23-Jul-06	5:00:00	-6.5	79	130
2-Mar-06	5:00:00	-9			13-May-06	5:00:00	-3.1	8	59	24-Jul-06	5:00:00	-7.9	80	131
3-Mar-06	5:00:00	-10.7			14-May-06	5:00:00	-4	9	60	25-Jul-06	5:00:00	-4	81	132
4-Mar-06	5:00:00	-11.6			15-May-06	5:00:00	2.2	10	61	26-Jul-06	5:00:00	1.3	82	133
5-Mar-06	5:00:00	-12.2			16-May-06	5:00:00	1.5	11	62	27-Jul-06	5:00:00	0.4	83	134
6-Mar-06	5:00:00	-12.2			17-May-06	5:00:00	0.3	12	63	28-Jul-06	5:00:00	1.9	84	135
7-Mar-06	5:00:00	-12.3			18-May-06	5:00:00	-0.3	13	64	29-Jul-06	5:00:00	1.8	85	136
8-Mar-06	5:00:00	-13.3			19-May-06	5:00:00	0.9	14	65	30-Jul-06	5:00:00	1.5	86	137
9-Mar-06	5:00:00	-13.4			20-May-06	5:00:00	-0.5	15	66	31-Jul-06	5:00:00	0.7	87	138
10-Mar-06	5:00:00	-14			21-May-06	5:00:00	-1.6	16	67	1-Aug-06	5:00:00	-1.1	88	139
11-Mar-06	5:00:00	-15.4			22-May-06	5:00:00	-2.7	17	68	2-Aug-06	5:00:00	-2.3	89	140
12-Mar-06	5:00:00	-16			23-May-06	5:00:00	-3	18	69	3-Aug-06	5:00:00	-3.6	90	141
13-Mar-06	5:00:00	-16.6			24-May-06	5:00:00	-3.4	19	70	4-Aug-06	5:00:00	-4.7	91	142
14-Mar-06	5:00:00	-17.4			25-May-06	5:00:00	-3.5	20	71	5-Aug-06	5:00:00	-6	92	143
15-Mar-06	5:00:00	-19.1			26-May-06	5:00:00	-4	21	72	6-Aug-06	5:00:00	-7.3	93	144
16-Mar-06	5:00:00	-19.9		1	27-May-06	5:00:00	-1.2	22	73	7-Aug-06	5:00:00	-9.8	94	145
17-Mar-06	5:00:00	-19.9		2	28-May-06	5:00:00	-2.9	23	74	8-Aug-06	5:00:00	-11.4	95	146
18-Mar-06	5:00:00	-21		3	29-May-06	5:00:00	-3.5	24	75	9-Aug-06	5:00:00	-3.4	96	147
19-Mar-06	5:00:00	-20.9		4	30-May-06	5:00:00	-3.8	25	76	10-Aug-06	5:00:00	-7.1	97	148
20-Mar-06	5:00:00	-21		5	31-May-06	5:00:00	-4.6	26	77	11-Aug-06	5:00:00	-4.2	98	149
21-Mar-06	5:00:00	-15.4		6	1-Jun-06	5:00:00	-5.1	27	78	12-Aug-06	5:00:00	-6.1	99	150
22-Mar-06	5:00:00	-8.2	1	7	2-Jun-06	5:00:00	-5.8	28	79	13-Aug-06	5:00:00	-8.3	100	151
23-Mar-06	5:00:00	-10.4	2	8	3-Jun-06	5:00:00	0.8	29	80	14-Aug-06	5:00:00	-10.5	101	152
24-Mar-06	5:00:00	-10.9	3	9	4-Jun-06	5:00:00	-0.7	30	81	15-Aug-06	5:00:00	-12.5		153
25-Mar-06	5:00:00	-11.5	4	10	5-Jun-06	5:00:00	-0.5	31	82	16-Aug-06	5:00:00	-14.8		154
26-Mar-06	5:00:00	-12.6		11	6-Jun-06	5:00:00	-1.7	32	83	17-Aug-06	5:00:00	-16.3		155
27-Mar-06	5:00:00	-14.1		12	7-Jun-06	5:00:00	-0.1	33	84	18-Aug-06	5:00:00	-17.7		156
28-Mar-06	5:00:00	-15.1		13	8-Jun-06	5:00:00	-1.2	34	85	19-Aug-06	5:00:00	-18.5		157
29-Mar-06	5:00:00	-15.8		14	9-Jun-06	5:00:00	-1.6	35	86	20-Aug-06	5:00:00	-18.6		158
30-Mar-06	5:00:00	-17.2		15	10-Jun-06	5:00:00	-2.2	36	87	21-Aug-06	5:00:00	-18.5		159

Page 2 Reference 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
22-Aug-06	5:00:00	-18.5		160										
23-Aug-06	5:00:00	-18.5		161										
24-Aug-06	5:00:00	-18.6		162										
25-Aug-06	5:00:00	-18.7		163										
26-Aug-06	5:00:00	-18.7		164										
27-Aug-06	5:00:00	-18.7		165										
28-Aug-06	5:00:00	-18.7		166										
29-Aug-06	5:00:00	-18.7		167										
30-Aug-06	5:00:00	-18.7		168										
31-Aug-06	5:00:00	-18.5		169										
1-Sep-06	5:00:00	4.4	1	170										
2-Sep-06	5:00:00	3.5	2	171										
3-Sep-06	5:00:00	1.6	3	172										
4-Sep-06	5:00:00	0.5	4	173										
5-Sep-06	5:00:00	-0.2	5	174										
6-Sep-06	5:00:00	3.8	6	175										
7-Sep-06	5:00:00	2.3	7	176										
8-Sep-06	5:00:00	1.5	8	177										
9-Sep-06	5:00:00	1.2	9	178										
10-Sep-06	5:00:00	1.1	10	179										
11-Sep-06	5:00:00	0.2	11	180										
12-Sep-06	5:00:00	-0.8	12	181										
13-Sep-06	5:00:00	-1.5	13	182										
14-Sep-06	5:00:00	-1	14	183										
15-Sep-06	5:00:00	1.2	15	184										
16-Sep-06	5:00:00	0.3	16	185										
17-Sep-06	5:00:00	0.3	17	186										
18-Sep-06	5:00:00	0	18	187										
19-Sep-06	5:00:00	-0.6	19	188										
20-Sep-06	5:00:00	1.8	20	189										
21-Sep-06	5:00:00	0.8	21	190										
22-Sep-06	5:00:00	0.3	22	191										
23-Sep-06	5:00:00	0.3	23	192										
24-Sep-06	5:00:00	0.1	24	193										
25-Sep-06	5:00:00	-0.1	25	194										
26-Sep-06	5:00:00	-1.8	26	195										
27-Sep-06	5:00:00	-2.5	27	196										
28-Sep-06	5:00:00	-3.4	28	197										
29-Sep-06	5:00:00	-1.4	29	198										
30-Sep-06	5:00:00	-2.9	30	199										
1-Oct-06	5:00:00	-3.1	31	200										
2-Oct-06	5:00:00	-4.2	32	201										
3-Oct-06	5:00:00	-5.3	33	202										
4-Oct-06	5:00:00	-5.9	34	203										
5-Oct-06	5:00:00	-6.4	35	204										
6-Oct-06	5:00:00	-7.4	36	205										
7-Oct-06	5:00:00	-1.2	37	206										
8-Oct-06	5:00:00	-2.5	38	207										
9-Oct-06	5:00:00	-2.6	39	208										
10-Oct-06	5:00:00	-2.7	40	209										
11-Oct-06	5:00:00	-3.1	41	210										
12-Oct-06	5:00:00	-2.7	42	211										
13-Oct-06	5:00:00	-3.9	43	212										
14-Oct-06	5:00:00	-4.2	44	213										
15-Oct-06	5:00:00	-4.9	45	214										
16-Oct-06	5:00:00	-5.4	46	215										
17-Oct-06	5:00:00	-5.7	47	216										
18-Oct-06	5:00:00	1.4	48	217										
19-Oct-06	5:00:00	-2	49	218										
20-Oct-06	5:00:00	-2	50	219										
21-Oct-06	5:00:00	-3.3	51	220										
22-Oct-06	5:00:00	-3.3	52	221										
23-Oct-06	5:00:00	-2.7	53	222										
24-Oct-06	5:00:00	-3.9	54	223										
25-Oct-06	5:00:00	-4.3	55	224										
26-Oct-06	5:00:00	-4.6	56	225										


REFERENCE GAUGE 2 (2006 Gauge Data)
March 16
Start of Growing Season
November 14
End of Growing Season
8 days
4 days
7 days
117 days
56 days
Note: Last gauge download occurred on October 26, 2006. Gauges will continue to be downloaded monthly; the remainder of the data for the growing season will be available upon request.
Water Level (inches)
Precipitation (inches)
Date
Onsite Rain Gauge (inches)
Station Rain Data (inches)
Water Level (inches)

Reference Gauge 2
Data Acquired: September 25, 2006
Serial Number: A3C4CBB
CD: Consecutive Days Saturation (within 12 inches of the soil surface) During the Growing Season
JD: Julian Days During the Growing Season

Date	Time	Water Level (inches)	CD	JD	(continued) Date	Time	Water Level (inches)	CD	JD	(continued) Date	Time	Water Level (inches)	CD	JD
18-Jan-06	5:00:00	-17.5			31-Mar-06	5:01:00	-13.4		16	11-Jun-06	5:00:00	3.5	50	88
19-Jan-06	5:01:00	-17.6			1-Apr-06	5:00:00	-13.3		17	12-Jun-06	5:01:00	3.7	51	89
20-Jan-06	5:00:00	-17.6			2-Apr-06	5:01:00	-14		18	13-Jun-06	5:00:00	3.6	52	90
21-Jan-06	5:01:00	-17.6			3-Apr-06	5:00:00	-14.7		19	14-Jun-06	5:01:00	3.7	53	91
22-Jan-06	5:00:00	-17.6			4-Apr-06	5:01:00	-7.4	1	20	15-Jun-06	5:00:00	4.2	54	92
23-Jan-06	5:01:00	-17.6			5-Apr-06	5:00:00	-8.8	2	21	16-Jun-06	5:01:00	3.7	55	93
24-Jan-06	5:00:00	-17.5			6-Apr-06	5:01:00	-10.6	3	22	17-Jun-06	5:00:00	3.2	56	94
25-Jan-06	5:01:00	-17.6			7-Apr-06	5:00:00	-11.3	4	23	18-Jun-06	5:01:00	3.1	57	95
26-Jan-06	5:00:00	-17.6			8-Apr-06	5:01:00	-12.2		24	19-Jun-06	5:00:00	2.8	58	96
27-Jan-06	5:01:00	-16.7			9-Apr-06	5:00:00	-5.2	1	25	20-Jun-06	5:01:00	2.8	59	97
28-Jan-06	5:00:00	-16.6			10-Apr-06	5:01:00	-6.8	2	26	21-Jun-06	5:00:00	2.6	60	98
29-Jan-06	5:01:00	-16.5			11-Apr-06	5:00:00	-8.4	3	27	22-Jun-06	5:01:00	3.8	61	99
30-Jan-06	5:00:00	-16.5			12-Apr-06	5:01:00	-9.8	4	28	23-Jun-06	5:00:00	3.5	62	100
31-Jan-06	5:01:00	-13.9			13-Apr-06	5:00:00	-10.5	5	29	24-Jun-06	5:01:00	3.2	63	101
1-Feb-06	5:00:00	-11			14-Apr-06	5:01:00	-11.2	6	30	25-Jun-06	5:00:00	3	64	102
2-Feb-06	5:01:00	-10.6			15-Apr-06	5:00:00	-11.9	7	31	26-Jun-06	5:01:00	3.6	65	103
3-Feb-06	5:00:00	-10			16-Apr-06	5:01:00	-13.8		32	27-Jun-06	5:00:00	4.5	66	104
4-Feb-06	5:01:00	-13.5			17-Apr-06	5:00:00	-15.1		33	28-Jun-06	5:01:00	4.2	67	105
5-Feb-06	5:00:00	-12			18-Apr-06	5:01:00	-16		34	29-Jun-06	5:00:00	3.7	68	106
6-Feb-06	5:01:00	-12.6			19-Apr-06	5:00:00	-16.1		35	30-Jun-06	5:01:00	3.3	69	107
7-Feb-06	5:00:00	-12.1			20-Apr-06	5:01:00	-16.1		36	1-Jul-06	5:00:00	3.1	70	108
8-Feb-06	5:01:00	-12.4			21-Apr-06	5:00:00	-16.1		37	2-Jul-06	5:01:00	3	71	109
9-Feb-06	5:00:00	-11			22-Apr-06	5:01:00	-16.3		38	3-Jul-06	5:00:00	2.9	72	110
10-Feb-06	5:01:00	-11.3			23-Apr-06	5:00:00	0	1	39	4-Jul-06	5:01:00	2.6	73	111
11-Feb-06	5:00:00	-11.4			24-Apr-06	5:01:00	-0.7	2	40	5-Jul-06	5:00:00	2.7	74	112
12-Feb-06	5:01:00	-9.2			25-Apr-06	5:00:00	-1.6	3	41	6-Jul-06	5:01:00	2.4	75	113
13-Feb-06	5:00:00	-10.6			26-Apr-06	5:01:00	0.8	4	42	7-Jul-06	5:00:00	2.9	76	114
14-Feb-06	5:01:00	-11.3			27-Apr-06	5:00:00	0.9	5	43	8-Jul-06	5:01:00	2.6	77	115
15-Feb-06	5:00:00	-11.9			28-Apr-06	5:01:00	1.8	6	44	9-Jul-06	5:00:00	2.2	78	116
16-Feb-06	5:01:00	-12.5			29-Apr-06	5:00:00	1.5	7	45	10-Jul-06	5:01:00	2	79	117
17-Feb-06	5:00:00	-12.3			30-Apr-06	5:01:00	1	8	46	11-Jul-06	5:00:00	1.5	80	118
18-Feb-06	5:01:00	-13			1-May-06	5:00:00	0.9	9	47	12-Jul-06	5:01:00	0.3	81	119
19-Feb-06	5:00:00	-13.9			2-May-06	5:01:00	0.6	10	48	13-Jul-06	5:00:00	-0.7	82	120
20-Feb-06	5:01:00	-13.6			3-May-06	5:00:00	0.7	11	49	14-Jul-06	5:01:00	3.9	83	121
21-Feb-06	5:00:00	-13.2			4-May-06	5:01:00	-0.4	12	50	15-Jul-06	5:00:00	3.8	84	122
22-Feb-06	5:01:00	-14			5-May-06	5:00:00	-0.9	13	51	16-Jul-06	5:01:00	3.3	85	123
23-Feb-06	5:00:00	-9.7			6-May-06	5:01:00	1.5	14	52	17-Jul-06	5:00:00	2.9	86	124
24-Feb-06	5:01:00	-8.7			7-May-06	5:00:00	1.1	15	53	18-Jul-06	5:01:00	2.7	87	125
25-Feb-06	5:00:00	-9.8			8-May-06	5:01:00	3.3	16	54	19-Jul-06	5:00:00	2.6	88	126
26-Feb-06	5:01:00	-9.8			9-May-06	5:00:00	2.6	17	55	20-Jul-06	5:01:00	2.4	89	127
27-Feb-06	5:00:00	-11.1			10-May-06	5:01:00	2.3	18	56	21-Jul-06	5:00:00	1.8	90	128
28-Feb-06	5:01:00	-10.6			11-May-06	5:00:00	2.4	19	57	22-Jul-06	5:01:00	1	91	129
1-Mar-06	5:00:00	-11.3			12-May-06	5:01:00	2.4	20	58	23-Jul-06	5:00:00	0.2	92	130
2-Mar-06	5:01:00	-11.8			13-May-06	5:00:00	2.2	21	59	24-Jul-06	5:01:00	-1.5	93	131
3-Mar-06	5:00:00	-13.1			14-May-06	5:01:00	2.1	22	60	25-Jul-06	5:00:00	1.8	94	132
4-Mar-06	5:01:00	-14.4			15-May-06	5:00:00	3.6	23	61	26-Jul-06	5:01:00	3.7	95	133
5-Mar-06	5:00:00	-15.1			16-May-06	5:01:00	3.3	24	62	27-Jul-06	5:00:00	3.3	96	134
6-Mar-06	5:01:00	-15			17-May-06	5:00:00	3	25	63	28-Jul-06	5:01:00	4	97	135
7-Mar-06	5:00:00	-15.1			18-May-06	5:01:00	2.9	26	64	29-Jul-06	5:00:00	3.6	98	136
8-Mar-06	5:01:00	-16.1			19-May-06	5:00:00	3.4	27	65	30-Jul-06	5:01:00	3.3	99	137
9-Mar-06	5:00:00	-16.2			20-May-06	5:01:00	3	28	66	31-Jul-06	5:00:00	3.3	100	138
10-Mar-06	5:01:00	-16.3			21-May-06	5:00:00	2.9	29	67	1-Aug-06	5:01:00	3.1	101	139
11-Mar-06	5:00:00	-16.4			22-May-06	5:01:00	2.7	30	68	2-Aug-06	5:00:00	3	102	140
12-Mar-06	5:01:00	-17.4			23-May-06	5:00:00	2.4	31	69	3-Aug-06	5:01:00	2.9	103	141
13-Mar-06	5:00:00	-17.4			24-May-06	5:01:00	2	32	70	4-Aug-06	5:00:00	2.6	104	142
14-Mar-06	5:01:00	-17.4			25-May-06	5:00:00	1.7	33	71	5-Aug-06	5:01:00	1.8	105	143
15-Mar-06	5:00:00	-17.5			26-May-06	5:01:00	1.7	34	72	6-Aug-06	5:00:00	-0.4	106	144
16-Mar-06	5:01:00	-17.5		1	27-May-06	5:00:00	3	35	73	7-Aug-06	5:01:00	-3	107	145
17-Mar-06	5:00:00	-17.4		2	28-May-06	5:01:00	2.7	36	74	8-Aug-06	5:00:00	-3.7	108	146
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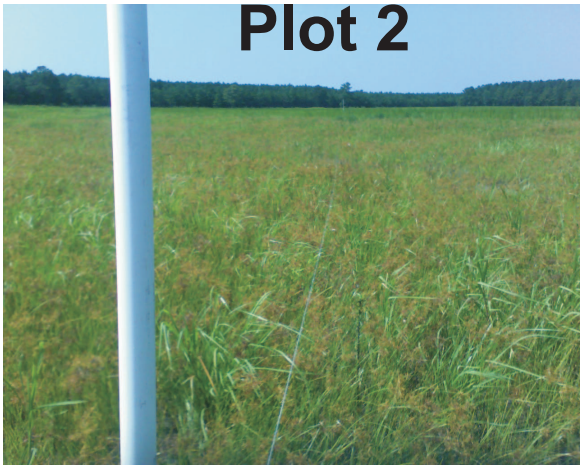
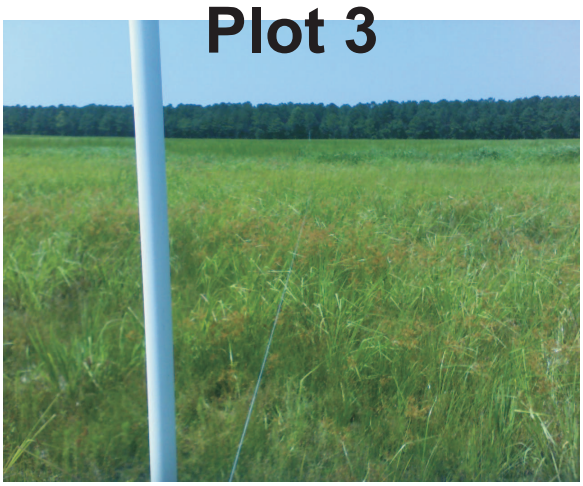
27-Mar-06	5:00:00	-10.2	6	12	7-Jun-06	5:00:00	2.9	46	84	18-Aug-06	5:01:00	-13.3		156
28-Mar-06	5:01:00	-11	7	13	8-Jun-06	5:01:00	2.8	47	85	19-Aug-06	5:00:00	-14.4		157
29-Mar-06	5:00:00	-11.4	8	14	9-Jun-06	5:00:00	2.7	48	86	20-Aug-06	5:01:00	-14.5		158
30-Mar-06	5:00:00	-12.5		15	10-Jun-06	5:01:00	2.2	49	87	21-Aug-06	5:00:00	-13.5		159

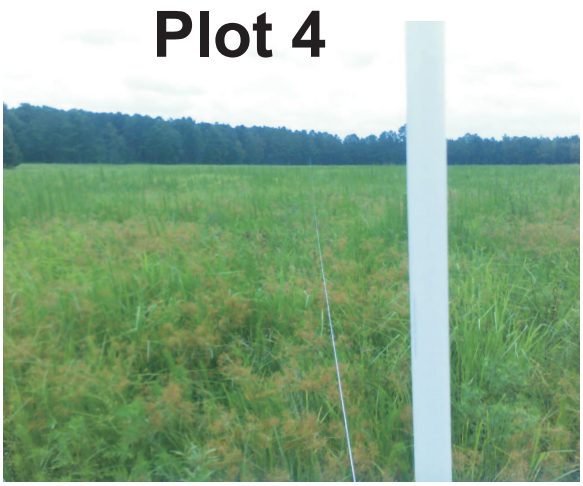
Page 2 Reference Gauge 2														
(continued)					(continued)					(continued)				
Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD	Date	Time	Water Level (inches)	CD	JD
22-Aug-06	5:01:00	-14.5		160										
23-Aug-06	5:00:00	-14.2		161										
24-Aug-06	5:01:00	-15		162										
25-Aug-06	5:00:00	-15.1		163										
26-Aug-06	5:01:00	-15.2		164										
27-Aug-06	5:00:00	-15.3		165										
28-Aug-06	5:01:00	-15.1		166										
29-Aug-06	5:00:00	-15.1		167										
30-Aug-06	5:01:00	-15.1		168										
31-Aug-06	5:00:00	-14.2		169										
1-Sep-06	5:01:00	5.7	1	170										
2-Sep-06	5:00:00	4	2	171										
3-Sep-06	5:01:00	3.5	3	172										
4-Sep-06	5:00:00	3.3	4	173										
5-Sep-06	5:01:00	3.3	5	174										
6-Sep-06	5:00:00	4.5	6	175										
7-Sep-06	5:01:00	3.9	7	176										
8-Sep-06	5:00:00	3.6	8	177										
9-Sep-06	5:01:00	3.3	9	178										
10-Sep-06	5:00:00	3.2	10	179										
11-Sep-06	5:01:00	3	11	180										
12-Sep-06	5:00:00	2.8	12	181										
13-Sep-06	5:01:00	2.7	13	182										
14-Sep-06	5:00:00	3.3	14	183										
15-Sep-06	5:01:00	3.7	15	184										
16-Sep-06	5:00:00	3.2	16	185										
17-Sep-06	5:01:00	3.1	17	186										
18-Sep-06	5:00:00	3	18	187										
19-Sep-06	5:01:00	2.9	19	188										
20-Sep-06	5:00:00	4.1	20	189										
21-Sep-06	5:01:00	3.2	21	190										
22-Sep-06	5:00:00	2.9	22	191										
23-Sep-06	5:01:00	3	23	192										
24-Sep-06	5:00:00	3.2	24	193										
25-Sep-06	5:01:00	3.1	25	194										
26-Sep-06	5:00:00	2.7	26	195										
27-Sep-06	5:01:00	2.6	27	196										
28-Sep-06	5:00:00	2.4	28	197										
29-Sep-06	5:01:00	2.8	29	198										
30-Sep-06	5:00:00	2.4	30	199										
1-Oct-06	5:01:00	2.4	31	200										
2-Oct-06	5:00:00	2.2	32	201										
3-Oct-06	5:01:00	1.5	33	202										
4-Oct-06	5:00:00	1.3	34	203										
5-Oct-06	5:01:00	1	35	204										
6-Oct-06	5:00:00	0.7	36	205										
7-Oct-06	5:01:00	2.8	37	206										
8-Oct-06	5:00:00	3.1	38	207										
9-Oct-06	5:01:00	2.8	39	208										
10-Oct-06	5:00:00	2.7	40	209										
11-Oct-06	5:01:00	2.6	41	210										
12-Oct-06	5:00:00	2.6	42	211										
13-Oct-06	5:01:00	2.2	43	212										
14-Oct-06	5:00:00	1.8	44	213										
15-Oct-06	5:01:00	0.9	45	214										
16-Oct-06	5:00:00	0.5	46	215										
17-Oct-06	5:01:00	0.9	47	216										
18-Oct-06	5:00:00	3.4	48	217										
19-Oct-06	5:01:00	3.1	49	218										
20-Oct-06	5:00:00	3.1	50	219										
21-Oct-06	5:01:00	2.3	51	220										
22-Oct-06	5:00:00	2.1	52	221										
23-Oct-06	5:01:00	2.5	53	222										
24-Oct-06	5:00:00	1.8	54	223										
25-Oct-06	5:01:00	1.7	55	224										
26-Oct-06	5:00:00	1	56	225										

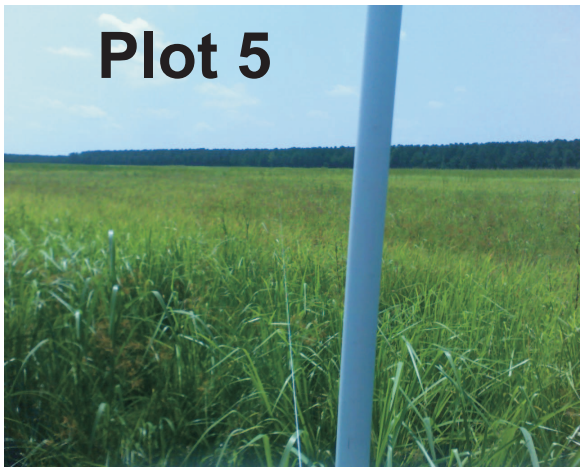
APPPENDIX B
VEGETATION PLOT PHOTOGRAPHS

Gatlin Swamp Wetland Restoration Site
Year 1 (2006) Annual Monitoring Report
Vegetation Plot Photographs Taken August 2006









APPPENDIX C
WILDLIFE OBSERVATIONS

WILDLIFE OBSERVED AT GATLIN SWAMP RESTORATION SITE		
BIRDS*:		Aug 15 & 17
		2006
Great Egret	*Ardea alba*	x
Turkey Vulture	*Cathartes aura*	x
Red-tailed Hawk	*Buteo jamaicensis*	x
Northern Bobwhite	*Colinus virginianus*	x
Killdeer	*Charadrius vociferus*	x
Spotted Sandpiper	*Actitus macularia*	x
Mourning Dove	*Zenaida macroura*	x
Ruby-throated Hummingbird	*Archilochos colubris*	x
Pileated Woodpecker	*Dryocopus pileatus*	x
Barn Swallow	*Hirundo rustica*	x
American Crow	*Corvus brachyrhynchos*	x
Carolina Wren	*Thryothorus ludovicianus*	x
Summer Tanager	*Piranga rubra*	x
Indigo Bunting	*Passerina cyanea*	x
American Goldfinch	*Carduelis tristis*	x
Eastern Towhee	*Pipilo erythrophthalmus*	x
MAMMALS:		Aug 15 & 17
		2006
White-tailed Deer	*Odocoileus virginianus*	x
Black Bear	*Ursus americanus*	x
Rabbit (scat)	*Sylvilagus* sp.	x
REPTILES and AMPHIBIANS:		Aug 15 & 17
		2006
Green Tree Frog	*Hyla cinerea*	x
Pickerel Frog	*Rana palustris*	x
crayfish (chimneys)		x
*Bird list: The Sibley Guide to Birds by David Allen Sibley.		
National Audubon Society. 2000. Chanticleer Press, Inc.		
Aug (15 and 17) 2006 – these were observations made incidental to other work.		