Arkansas Groundwater Protection and Management Report for 2015

Ground-Water Protection Mission:

To manage and protect ground-water resources in Arkansas for human, environmental, and economic benefits.

January 2016

STATE OF ARKANSAS

ARKANSAS NATURAL RESOURCES COMMISSION
101 EAST CAPITOL, SUITE 350
LITTLE ROCK, ARKANSAS 72201

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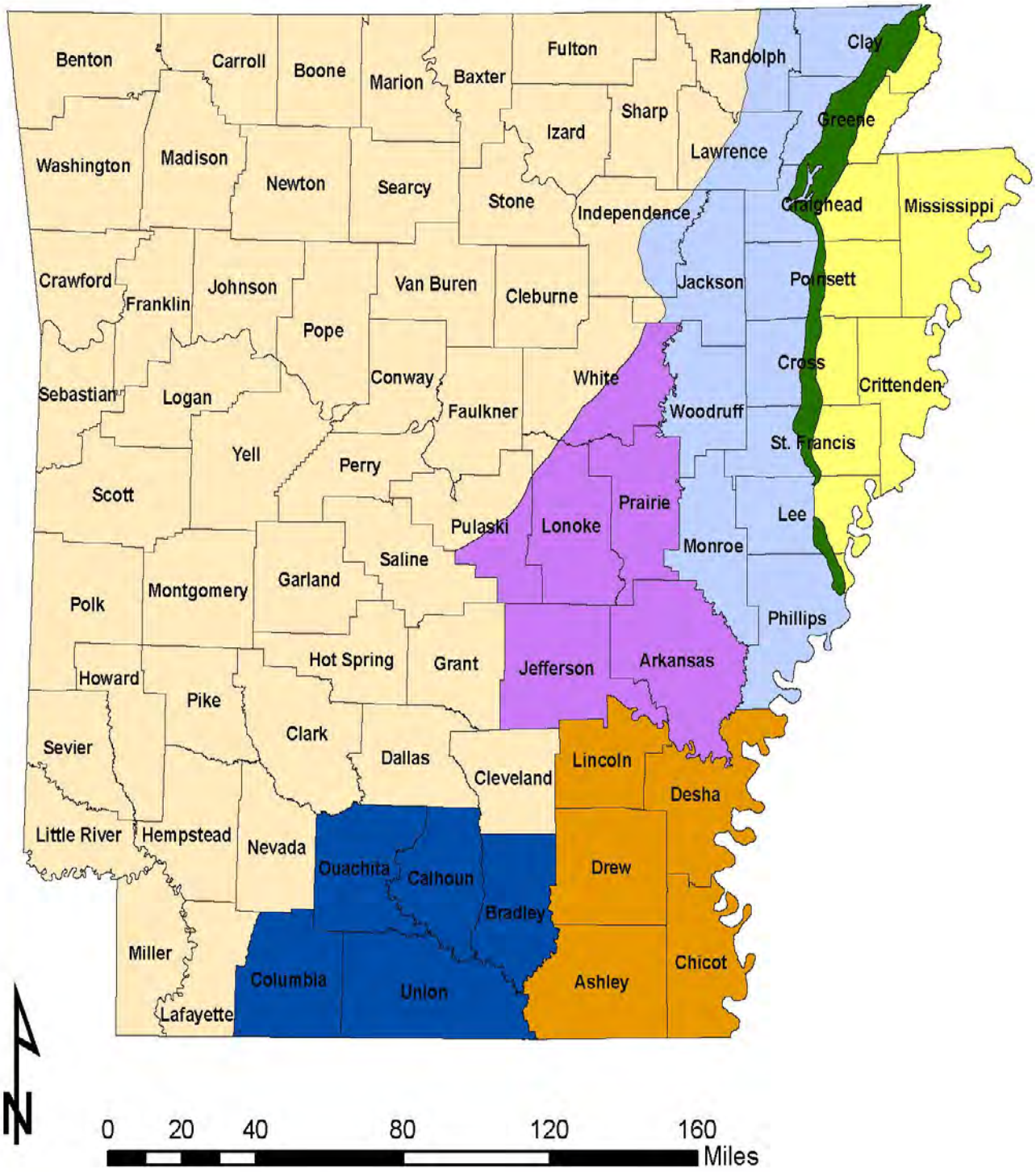
ABSTRACT

The Arkansas Ground-Water Protection and Management Report is produced annually by the Arkansas Natural Resources Commission (ANRC) pursuant to the Arkansas Ground Water Protection and Management Act of 1991, Arkansas Code Annotated 15-22-906. This report provides a summary of groundwater protection and conservation programs administered by the ANRC during the year 2015, including water-level monitoring, studies of water use trends, and well construction data of the Arkansas Water Well Construction Commission program. This report covers water level data from the spring of 2014 to the spring of 2015. This monitoring period consisted of slightly above average precipitation with a total of 49.93 inches of precipitation, 19.52 inches falling during the typical height if irrigation season from May-August. As a result of this, the short-term water level comparisons for the state's aquifers showed more increases due to the lack of need in pumping the aquifer. The general trend in Arkansas's long-term water-level change is that the groundwater levels are declining in response to continued withdrawals at a rate which is not sustainable. Based on 2012 water use data, only approximately 42.0 percent of the current alluvial aquifer withdrawal of 8036.01 million gallons per day, and 54.6 percent of the Sparta/Memphis aquifer withdrawal of 159.45 million gallons per day, is sustainable. At these pumping rates, water-level declines and the adverse impacts on the state's ground-water system will continue to be observed. As the competition for ground water becomes more intense, the challenge before Arkansas' water resources users, scientists, and conservationists is to continue to work toward conservation, education, and the conjunctive use of groundwater and excess surface water in a manner that brings about the wise and sustainable use of our valuable water resources.

INTRODUCTION

This annual groundwater report is prepared to provide the State of Arkansas with a comprehensive water-quantity and water-quality document to be utilized in accordance with the Arkansas Water Plan, as a guide for water resources conservation and protection programs. It includes data, analysis, and recommendations for the ground-water protection and management program, Arkansas Water Well Construction Commission data, and water use studies.

Arkansas Ground Water Study Areas



Legend

- South Arkansas
- Boeuf-Tensas
- Grand Prairie
- St. Francis
- Cache
- Crowleys Ridge
- County Boundaries

Fig. 1

This report is built on a strong cooperative program with other appropriate state, federal, and local water resources agencies. Each spring approximately 600 wells are monitored in the alluvial aquifer resulting in the largest number of water level measurements for any one aquifer in the state. This number will vary from year to year depending on the resources available. There are approximately 270 wells that are monitored for water levels in the Sparta/Memphis aquifer. A monitoring schedule has been established to obtain data from the alluvial aquifer and the Sparta/Memphis aquifer on an annual basis. These measurements are taken each spring so as to be the least affected by seasonal pumping for irrigation. The drawdown that results from seasonal pumping is also determined by the USGS, NRCS, and ANRC taking measurements of the alluvial aquifer in both the spring and fall. The USGS also maintains the Arkansas Masterwell Program that supplies long term ground-water quality monitoring in 25 wells from 14 aquifers. These Masterwells are located throughout 21 counties and each year 5 sites are sampled for a variety of water-quality constituents. Hydrogeologic data is collected statewide; however resources are focused on study areas where water-level declines and water-quality degradation have been observed historically.

The amount of rainfall is taken into account each monitoring period to observe the change of water levels during times of drought or excess rainfall. The monitoring period which covers the calendar year of 2015 for static water level change in the alluvial aquifer was completed in the spring. The data for 2014-2015 indicates a decline in 148 of 317 wells, with an aquifer-wide average change of +0.28 feet in water levels during this time.

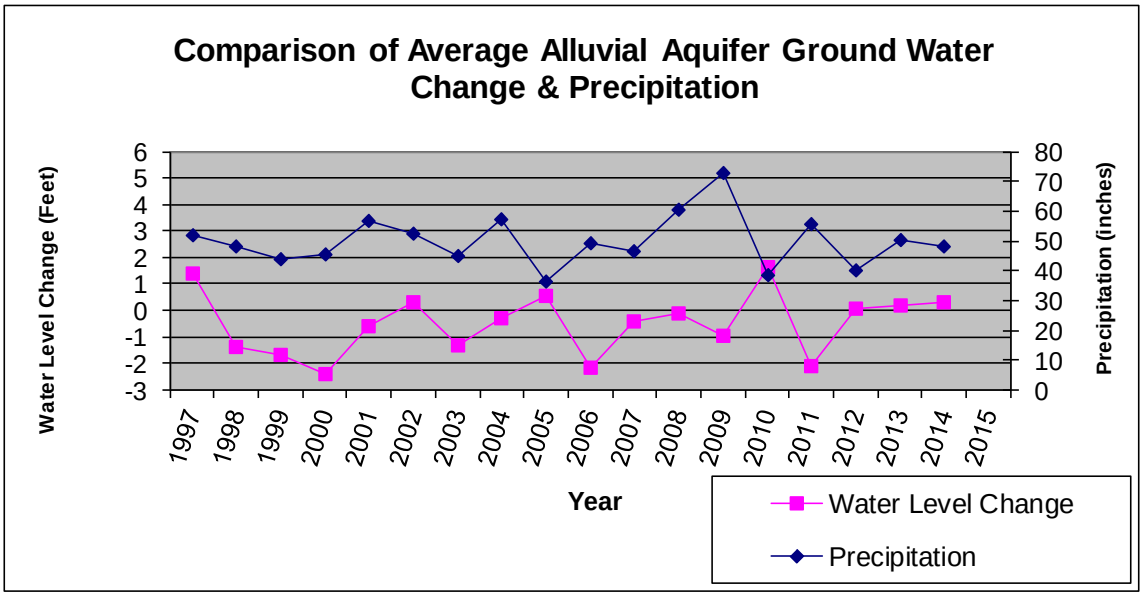


Table 1.

There are areas of the state experiencing ground-water withdrawals of such magnitude that demand on the aquifer exceeds the sustainable yield, resulting in consistently falling ground-water levels and the development of cones of depression. These areas occur in both the alluvial and Sparta/Memphis aquifers. (Figs. 4 and 10) Water-level declines are consistently observed in areas where water use is highest, such as portions of the Grand Prairie study area, and in the Cache study area west of Crowley's Ridge.

The most recent water quality data collected by the USGS showed wells with an increased specific conductance (>/= 1,000 microsiemens/cm) in the alluvial aquifer in Arkansas, Cross, Desha, Greene, Lincoln, Prairie and Chicot counties. (Schrader, T.P., 2010) An increase in the level of specific conductance indicates an increased level of dissolved solids in the ground water. In certain areas these dissolved solids are chlorides leading to the groundwater becoming unsuitable for particular irrigation purposes.

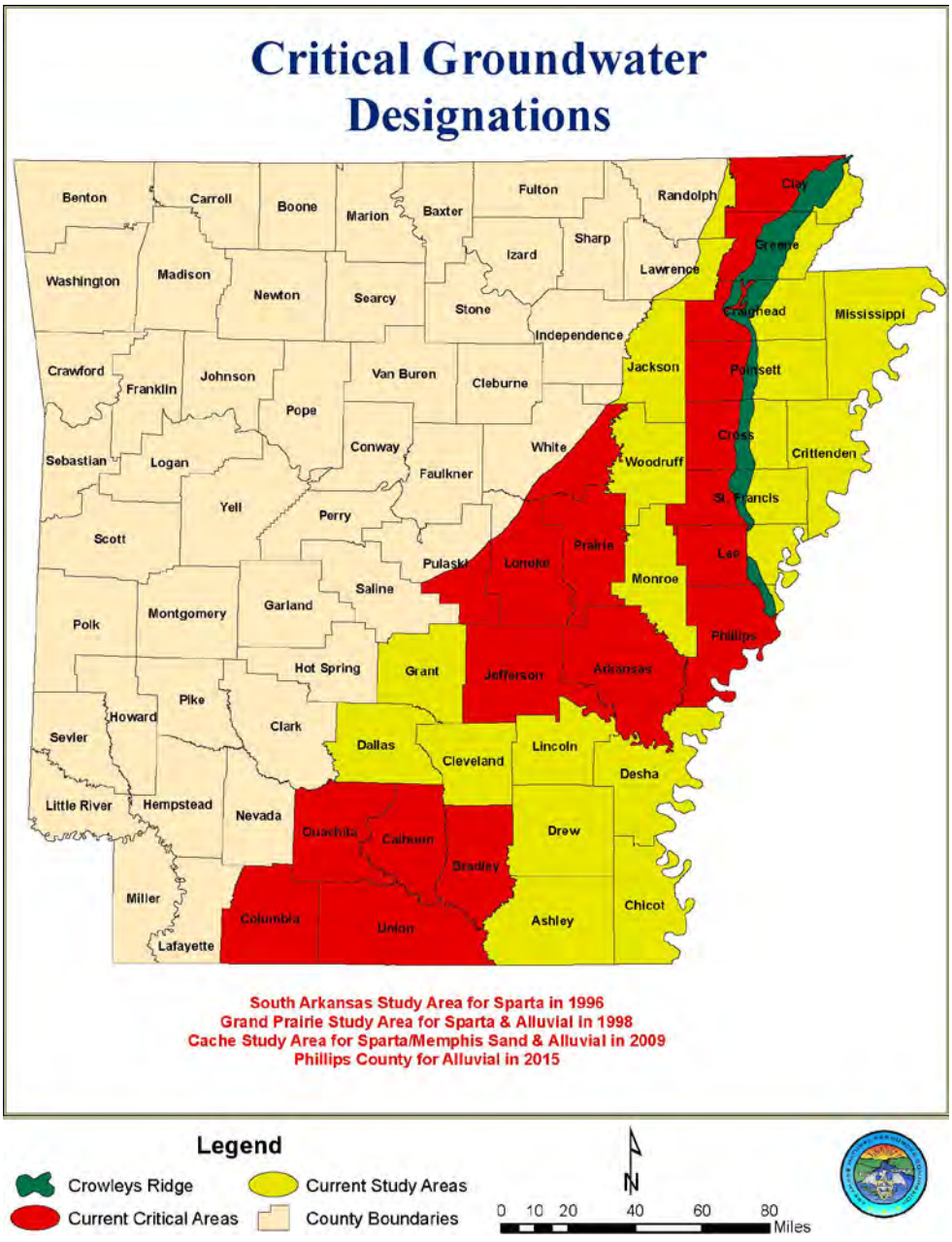
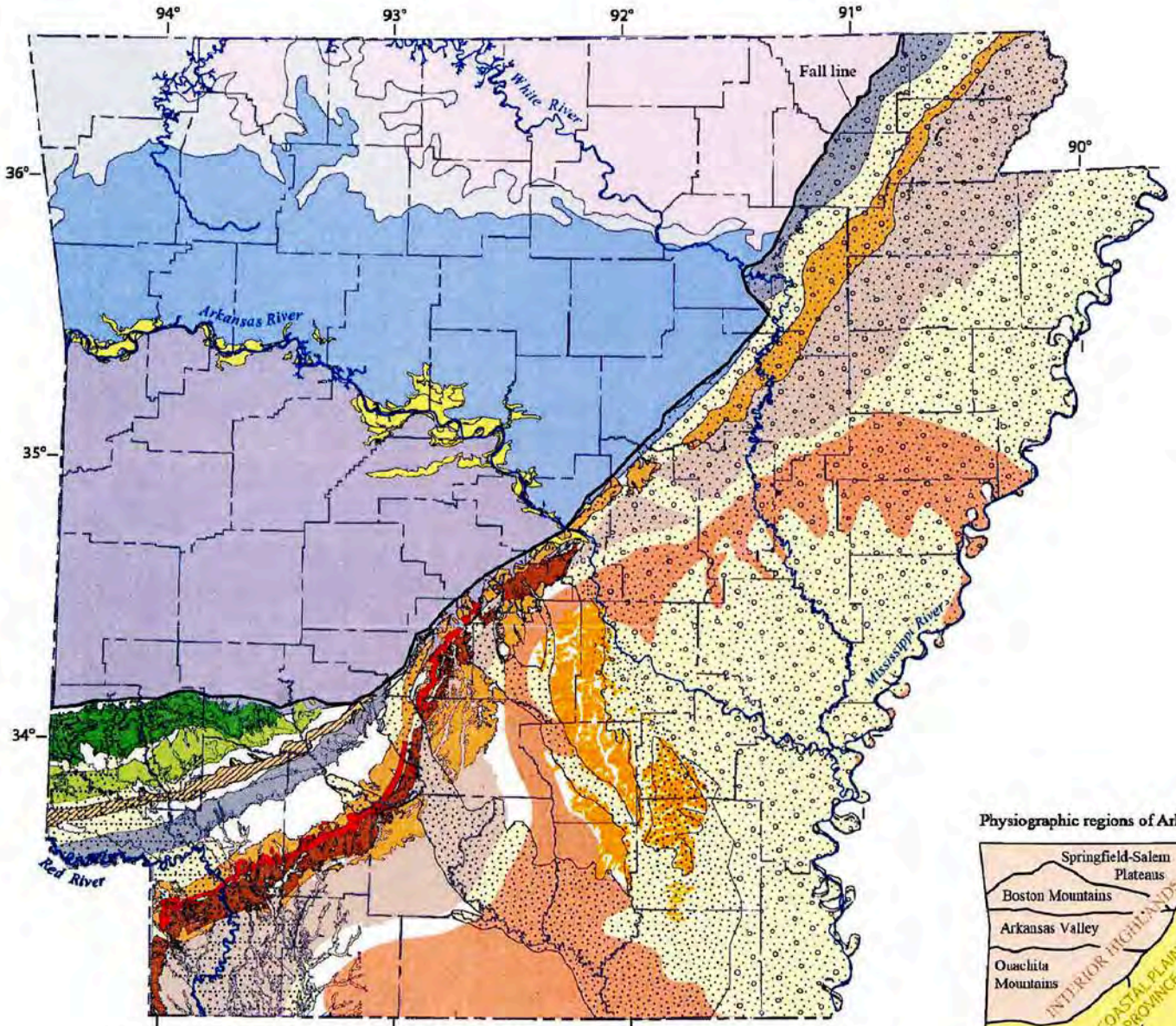


Fig. 2

Geology/ Aquifers of Arkansas



EXPLANATION

- Undifferentiated formations
- Coastal Plain aquifer system
  - Coastal Plain alluvial aquifers
    - Mississippi River Valley alluvial aquifer
    - Ouachita-Saline River alluvial aquifer
    - Red River alluvial aquifer
  - Jackson Group confining unit
  - Cockfield aquifer
  - Sparta aquifer
  - Cane River aquifer
  - Carrizo aquifer
  - Wilcox aquifer
  - Nacatoch aquifer
  - Ozan aquifer
  - Tokio aquifer
  - Trinity aquifer
- Interior Highlands aquifer system
  - Arkansas River Valley alluvial aquifer
  - Ouachita Mountains aquifer system
  - Western Interior Plains confining system
  - Springfield Plateau aquifer
  - Ozark aquifer

Physiographic regions of Arkansas

Modified from Fenneman, 1938

0 15 30 45 60 MILES

0 15 30 45 60 KILOMETERS

Base from U.S. Geological Survey digital data
Universal Transverse Mercator projection, zone 15
North American Datum of 1983

Hydrogeologic data modified from Boswell, 1965; Hosman and others, 1968; Hosman, 1982; Petersen and others, 1985; Payne, 1968; Hosman, 1988; Haley and others, 1993

Fig. 3

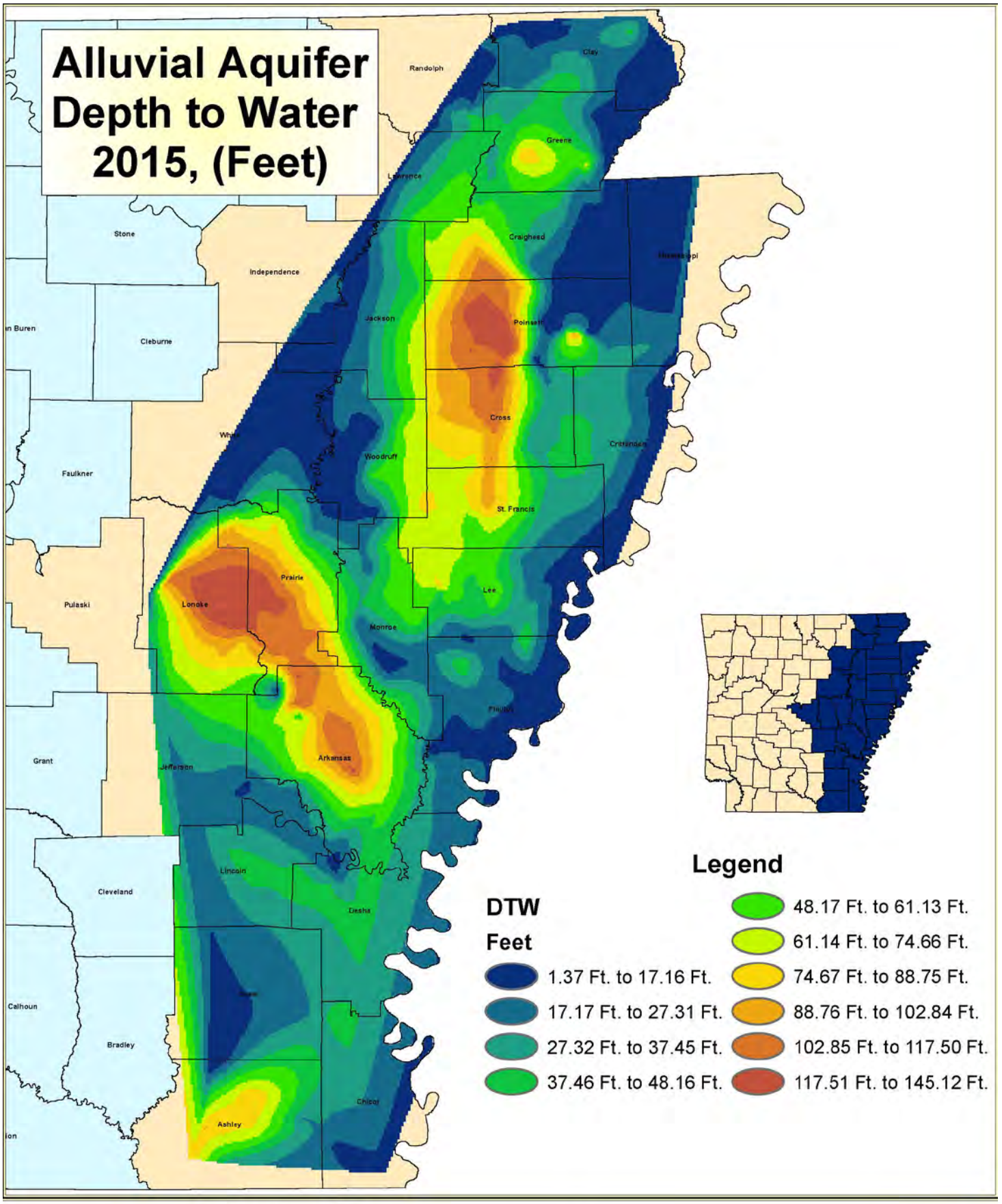
Hydrogeology and Statewide Water-Level Trends

Alluvial Aquifer

The Mississippi River Valley Alluvial Aquifer extends north from Arkansas into Missouri, south into Louisiana, and under the Mississippi River into Tennessee and Mississippi. For the purpose of this report, the term alluvial aquifer refers to the portion of the aquifer inside the state boundaries of Arkansas. This area generally is bounded by the Fall-Line or contact with outcropping Tertiary formations to the west, the Mississippi River to the east, and the state lines to the north and south. The aquifer is the uppermost aquifer in the Mississippi Embayment and is composed of 50 to 150 feet of sand and gravel, grading from coarse gravel at the bottom to fine sand at the top. It generally is overlain by the Mississippi River Confining Unit, which is composed of 0 to 50 feet of fine-grained sand, silt, and clay. The alluvial aquifer is underlain by confining units composed of aquifers and confining units of the Mississippi Embayment, which are less permeable than the alluvial aquifer. The alluvial aquifer is connected hydraulically with several rivers and drainage areas.

Due mostly to the use of groundwater for agriculture in the region, the aquifer has been pumped in ever-increasing amounts since records were kept from the early 1900's. In 2012 Arkansas had ground-water withdrawals estimated to be 8036.01 million gallons per day (Mgal/d). That is approximately a 537% increase from the amount used in 1965. (Holland, T.W. 2005)(Pugh, 2015)

In 2012 there was 8036.01 Mgal/d pumped from the alluvial aquifer. The estimated sustainable yield for the alluvial aquifer is 3374.33 Mgal/d, leaving an unmet demand of 4661.68 Mgal/d (58.0%). Ground water furnishes 63% of the state's total consumption of water, and 95% of the ground water used comes from the alluvial aquifer. Agriculture accounts for 98% of the total water that is pumped from the alluvial aquifer. Figure 4 is an illustration of the 2015 depth to water. Increased pumping from this aquifer has resulted in decreased outflow to rivers, increased inflow from rivers, increased inflow from the overlying confining unit, regional changes in ground-water flow, regional water level declines, reduction of aquifer storage, and decreases in well yields (Ackerman, 1996).



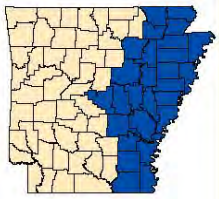
*Surface Created by
Natural Neighbor Interpolation
(ArcGIS 10.3/ Spatial Analyst Extension)
This map based on 449 data points, and the portions of counties not shaded indicate no well data collected in 2015

N

0 10 20 40 60 Miles

Fig. 4

Percent of the Mississippi River Alluvial Aquifer Saturated at Specific Data Collection Sites, Spring 2015



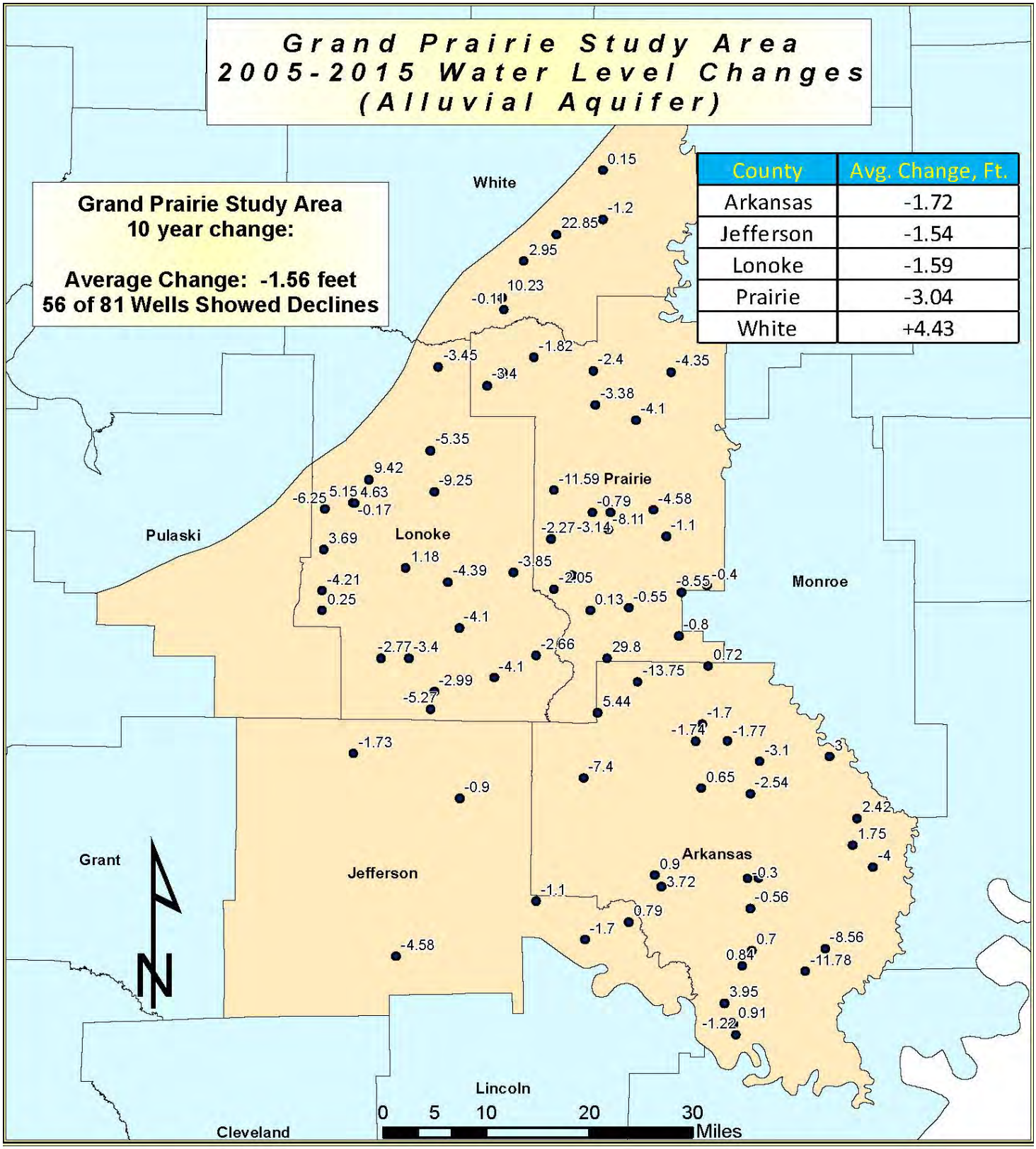
Legend

- 0 to 10%
- 10 to 20%
- 20 to 30%
- 30 to 40%
- 40 to 50%
- 50 to 60%
- 60 to 70%
- 70 to 80%
- 80 to 90%
- 90 to 100%
- 10 Foot Contours

Based on USGS MERAS model aquifer thickness, and Spring 2015 water level measurements.

0 5 10 20 30 40 Miles

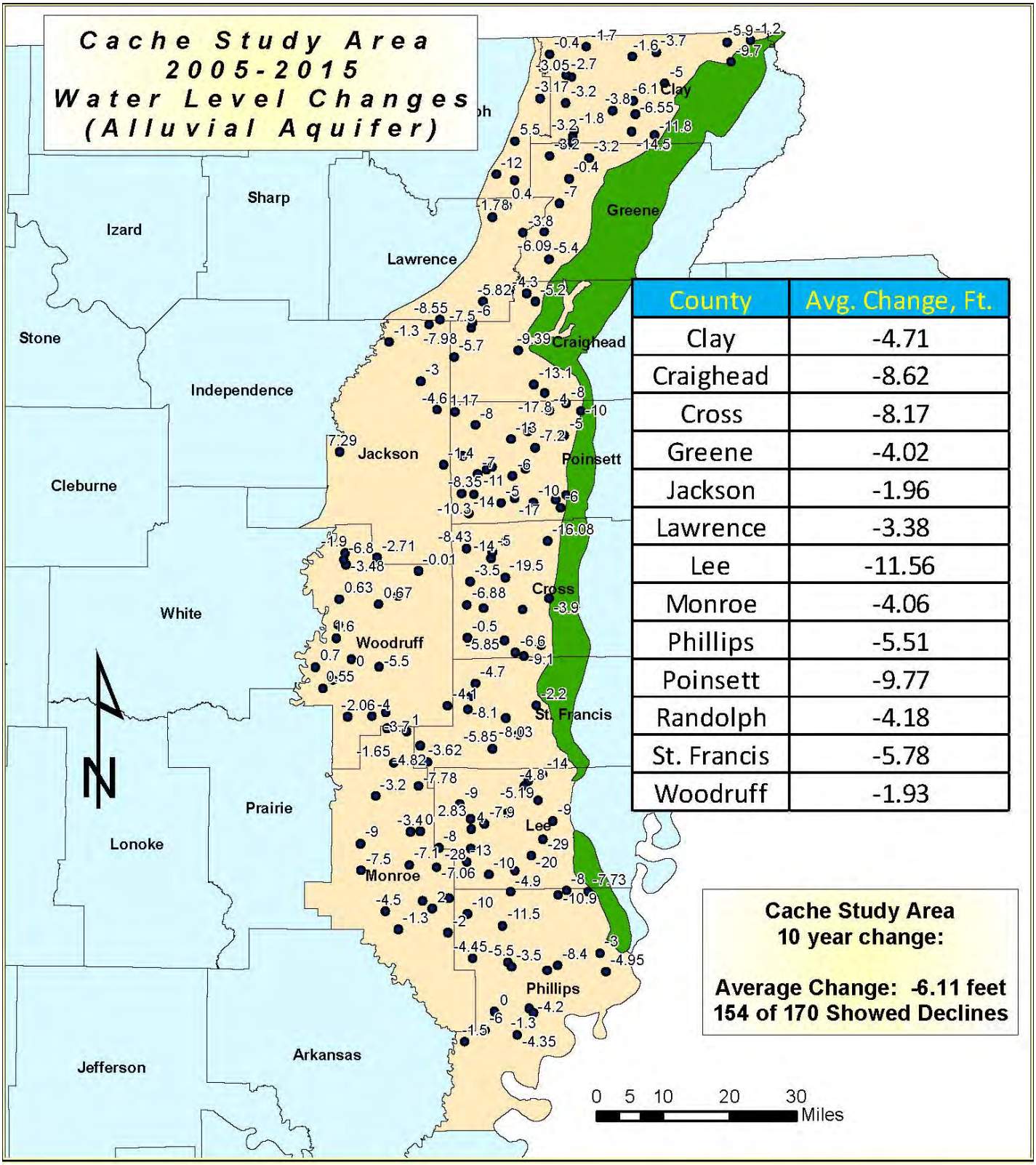
Fig. 5



Legend

- Wells
- Grand Prairie Study Area

Fig. 6



County	Avg. Change, Ft.
Clay	-4.71
Craighead	-8.62
Cross	-8.17
Greene	-4.02
Jackson	-1.96
Lawrence	-3.38
Lee	-11.56
Monroe	-4.06
Phillips	-5.51
Poinsett	-9.77
Randolph	-4.18
St. Francis	-5.78
Woodruff	-1.93

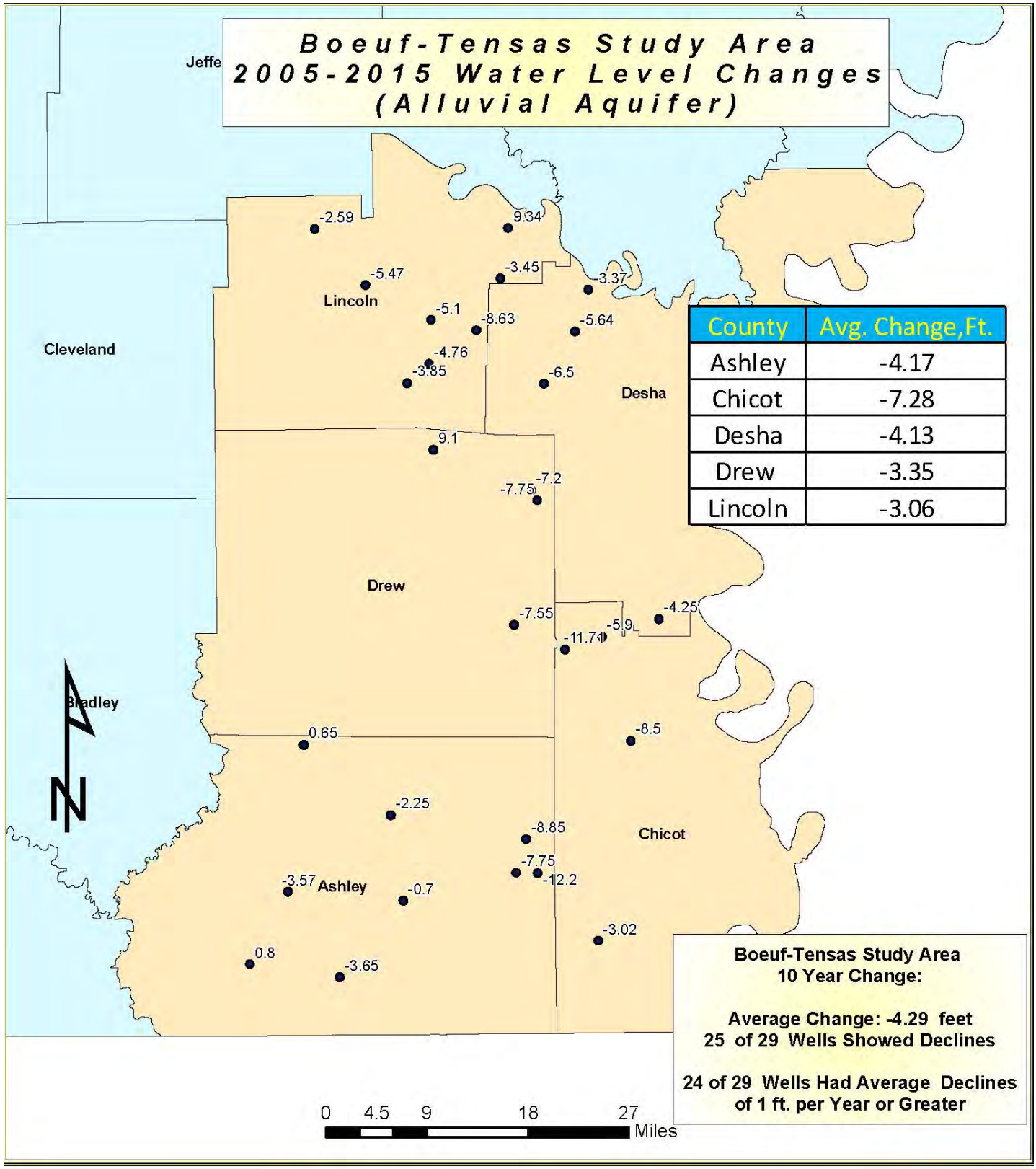
Cache Study Area
10 year change:

Average Change: -6.11 feet
154 of 170 Showed Declines

Legend

- Wells
- Crowleys Ridge
- Cache Study Area

Fig. 7



County	Avg. Change, Ft.
Ashley	-4.17
Chicot	-7.28
Desha	-4.13
Drew	-3.35
Lincoln	-3.06

Boeuf-Tensas Study Area
10 Year Change:

Average Change: -4.29 feet
25 of 29 Wells Showed Declines

24 of 29 Wells Had Average Declines of 1 ft. per Year or Greater

Legend

- Wells
- Boeuf-Tensas Study Area

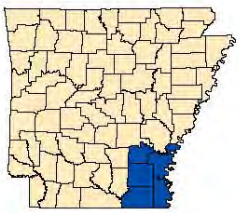
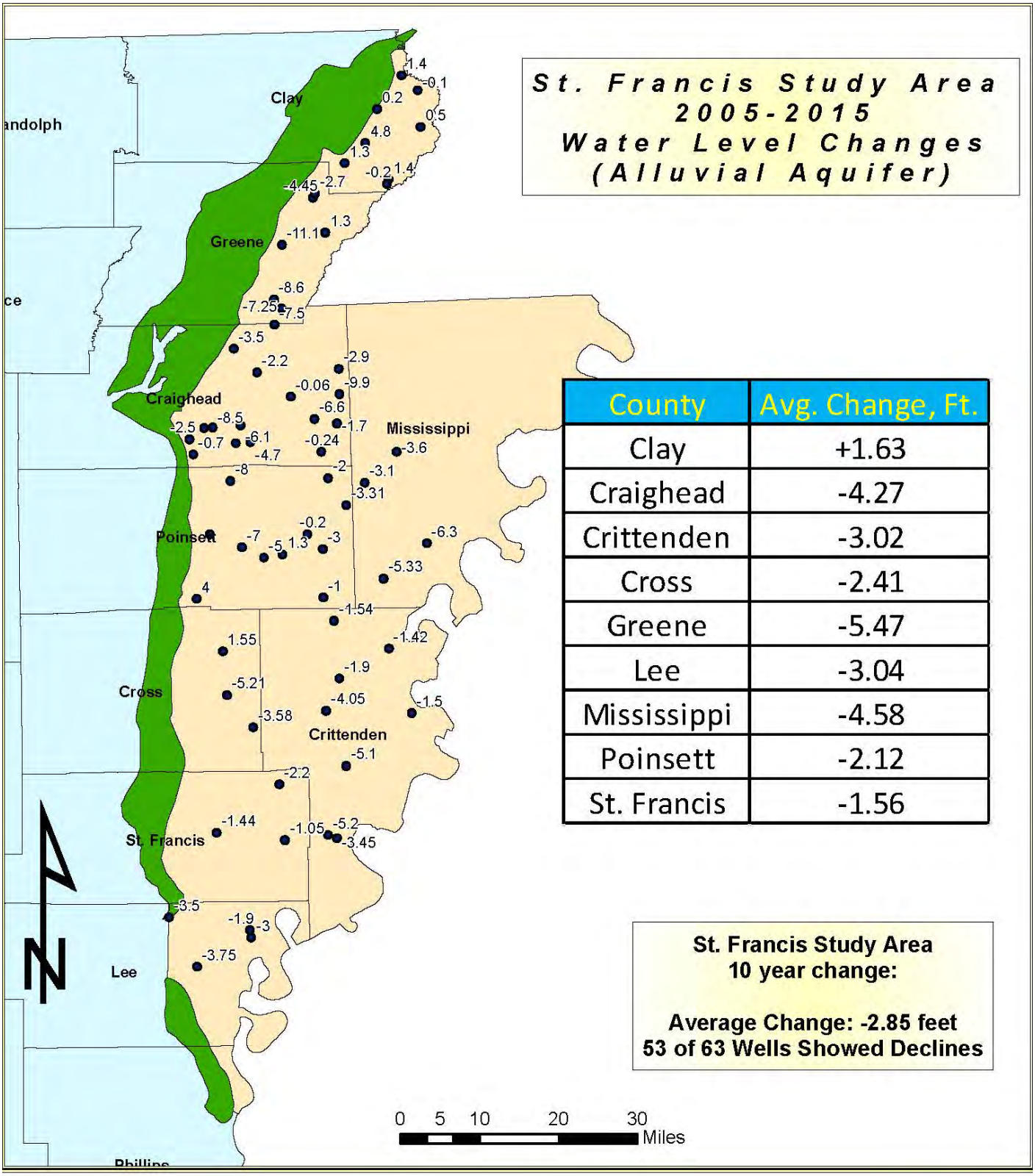


Fig. 8



County	Avg. Change, Ft.
Clay	+1.63
Craighead	-4.27
Crittenden	-3.02
Cross	-2.41
Greene	-5.47
Lee	-3.04
Mississippi	-4.58
Poinsett	-2.12
St. Francis	-1.56

St. Francis Study Area
10 year change:

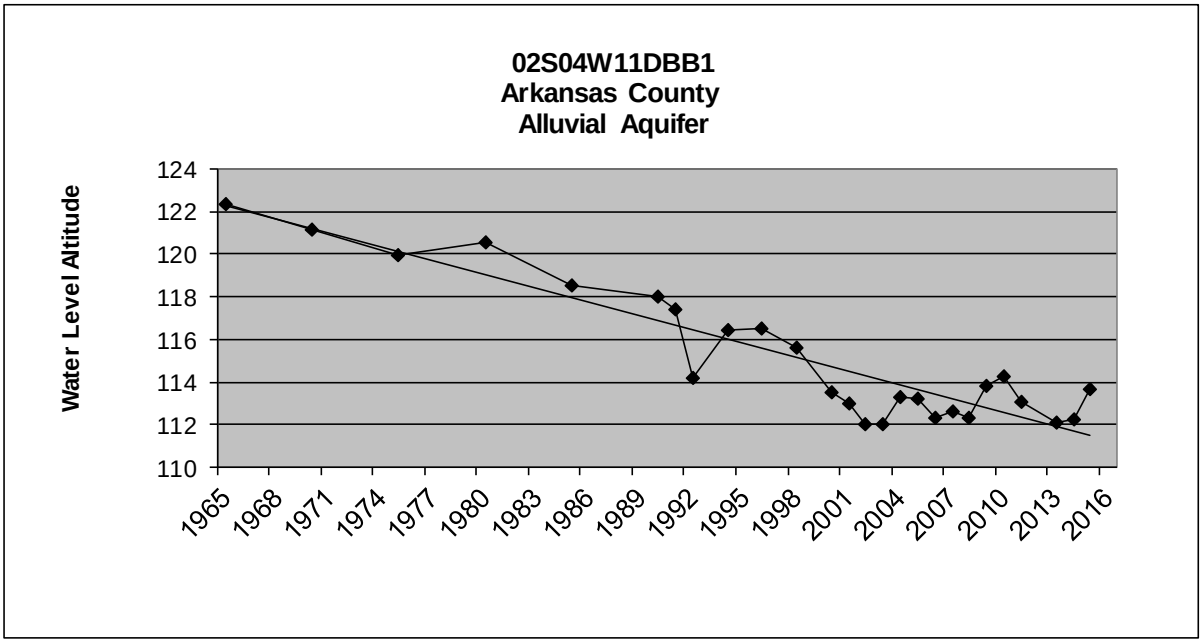
Average Change: -2.85 feet
53 of 63 Wells Showed Declines

Legend

- Wells
- Crowleys Ridge
- St. Francis Study Area

Fig. 9

There were 317 alluvial aquifer wells monitored for water-level change in both 2014 and 2015, out of these 148 (46.7%) had a decline in the static water level. The overall water-level average change was +0.28 ft. The 2014 precipitation for Arkansas was approximately 49.93 inches, which is slightly above the statewide average of 49.19 inches. It should be noted that 19.52 inches of rain (39.1% of the yearly total) fell during the typical irrigation season from May through August mitigating the use of groundwater for the purpose of irrigation. Of 244 alluvial aquifer wells monitored in both 2010 and 2015, 201 (82.4%) of these had declining static water levels. Over a 10-year period of time from 2005 to 2015, 300 of 361 wells (83.1%) monitored showed declines in the alluvial aquifer. The average change over the entire aquifer during the 2014-2015 monitoring period was +0.28 feet, the 5-year average change was -2.84 feet, and the 10-year average change was -4.22 feet respectively. There are still significant cones of depression in the alluvial aquifer, especially in the Grand Prairie and in the Cache Study Area west of Crowley's Ridge. (Fig. 4) The data in this year's report shows near stable water levels in all study areas for the one year averages, however declines due to over-use still exist and are apparent in the 10-year averages as well as the period of record. Appendix A is a table of specific water level monitoring data for the alluvial aquifer. The one year water-level change data reflects the higher than normal rainfall during the irrigation period of spring 2014. During such years, ground-water withdrawals are reduced, while recharge is typically greater.



Sparta/Memphis Aquifer

The Sparta/Memphis aquifer of Tertiary Age is located in the south, southeast, and east regions of Arkansas, as well as portions of Texas, Louisiana, and Mississippi. The aquifer outcrops in Dallas, Hot Spring, Saline, Grant, Nevada, Columbia, and Ouachita counties throughout the state. The Sparta/Memphis Sand aquifer thickness averages approximately 600 feet, ranging from a thickness of approximately 200 to 300 feet thick in the outcrop area, to about 900 feet thick in the southeastern part of the state. The majority of the area discussed in this report is a confined aquifer underlain by the Cane River Formation and overlain by the Cook Mountain Formation, both of which are effective confining units.

The Sparta aquifer in south Arkansas consists of two units, separated by the confining unit located between them: the upper Greensand aquifer and the lower El Dorado aquifer. The Sparta is composed mainly of sand with considerable amounts of silt, clay, shale, and lignite, which are found in lenses throughout the unit. Lithologically, it varies considerably both vertically and laterally. Glauconite, a green hydrous potassium iron silicate mineral, is sometimes found in sand lenses in the upper levels of the aquifer, hence the name "Greensand".

The Memphis Sand aquifer in eastern Arkansas is part of a thick sand section in the middle and lower portions of the Claiborne Group. It includes the Sparta Sand, the predominantly sandy facies of the Cane River, and the Carrizo Sand. The Memphis aquifer is the major source of quality drinking water in the area.

Groundwater levels were collected from 225 water wells in the Sparta/Memphis aquifer throughout the south and east portions of Arkansas in 2014 and 2015. Sixty-four of those wells (28.4%) showed declines in the static water level. The average change over the entire aquifer during the 2014-2015 monitoring period was +2.36 feet. During the monitoring period from 2010 to 2015, two-hundred and seven (207) wells were monitored for water-level change, with 112 of these wells (54.1%) showed a decline in static water levels. During the 10-year monitoring period, 229 wells were monitored with 103 (44.9%) of these wells showing declines. Appendix B is a table of specific water level monitoring data for the Sparta/Memphis aquifer. For the Sparta/Memphis aquifer the USGS Conjunctive Use Optimization Model estimates that only 54.6 percent of the 2012 withdrawal of 159.45 Mgal/d is sustainable.

Data beginning in 1965 has been plotted as hydrographs for selected wells throughout the study area. Trend line analysis indicates that the general trend for most wells included in this study is that of a lowered potentiometric surface. This decline in potentiometric surface in

the aquifer can be attributed to a statewide increase in water use from 139 million gallons per day (Mgal/d) in 1970 to 159.45 Mgal/d in 2012. The estimated sustainable yield for the aquifer is 87 Mgal/d leaving an unmet demand of 72.45 Mgal/d. The most recent significant increase in water use from the Sparta has been for agricultural supply in the Grand Prairie and Cache Study Areas.

The exception to this rule is the data from the South Arkansas Study Area, where local education, conservation, and the use of excess surface water has led to significantly fewer declines, as well as some rebound in water levels in some areas. The potentiometric surface in five wells has actually risen over 90 feet respectively over a 14-year period from 2000 to 2014. Union County alone has seen an average change in water level of +36.13 feet from 2005 to 2015. The surrounding counties in the South Arkansas Study Area have also all seen an average rise in water levels during this time, with Calhoun county having an average change of +8.09, Columbia +4.04, and Ouachita +6.36 feet respectively. (Fig.13)

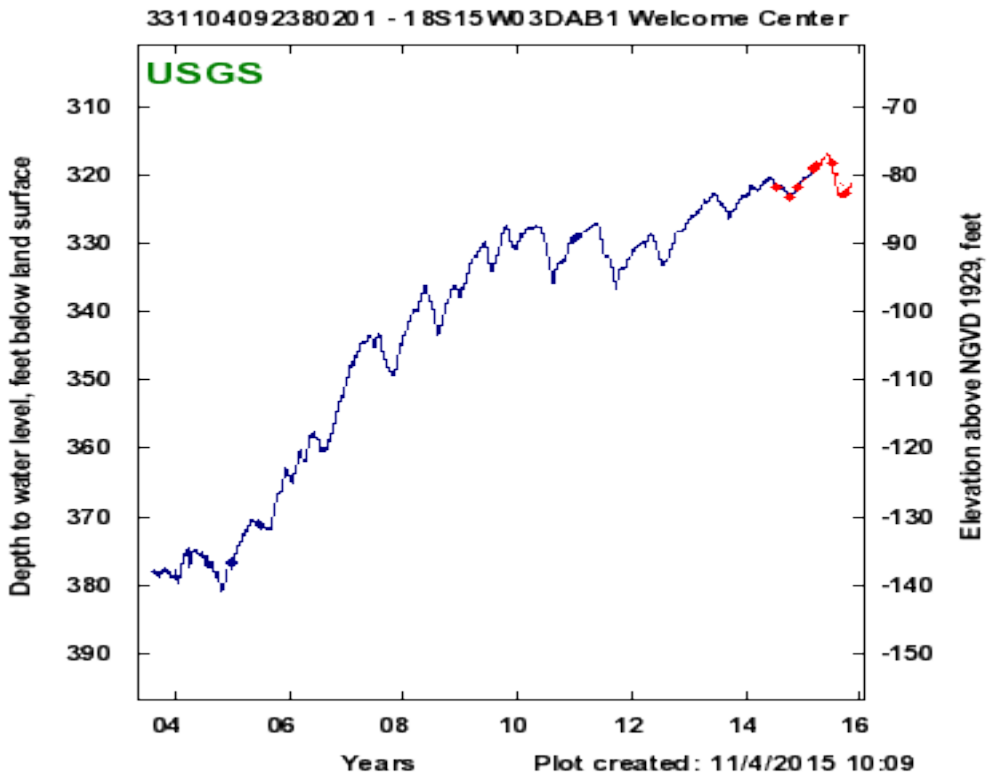
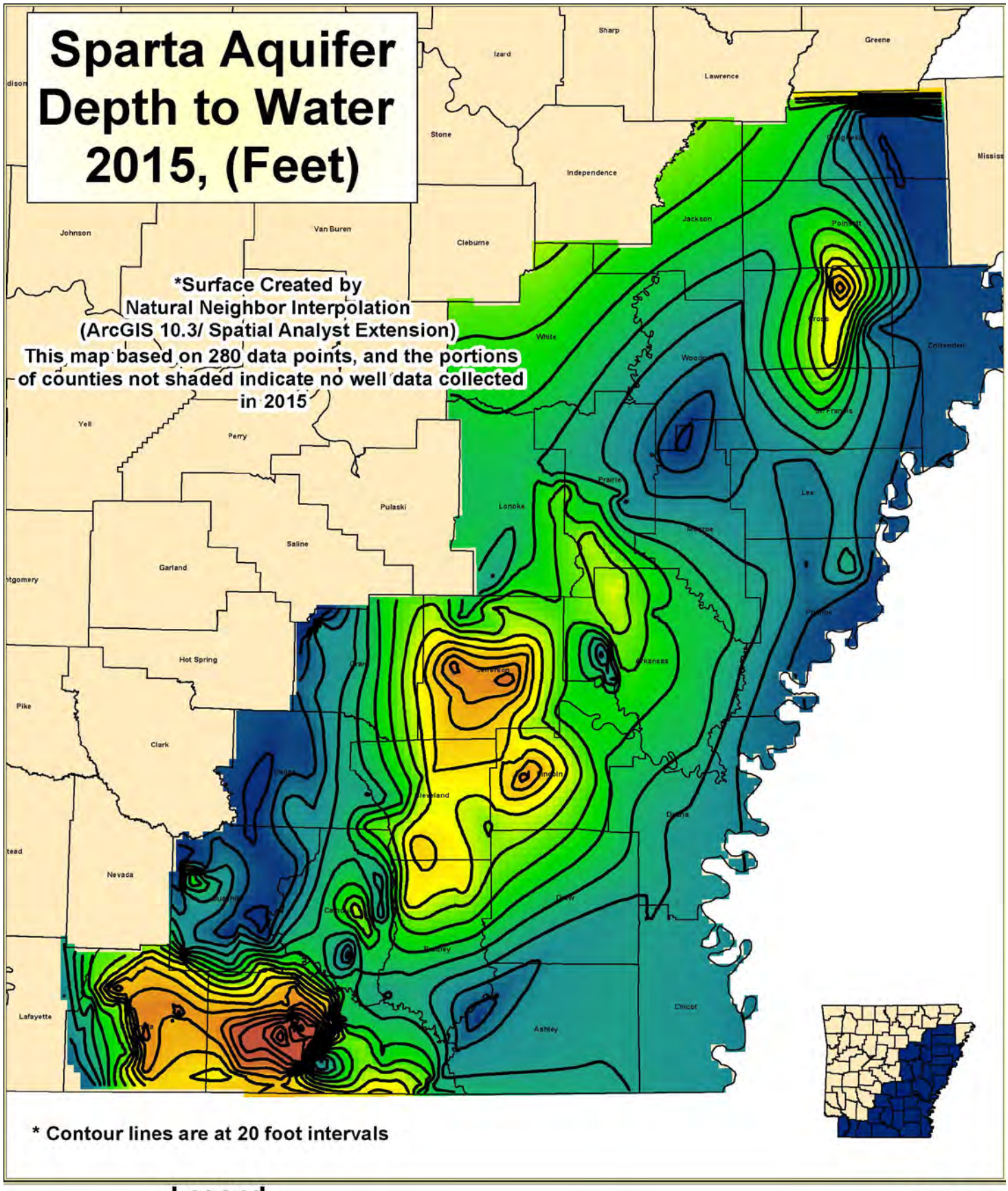


Table 2

Sparta Aquifer Depth to Water 2015, (Feet)



Legend

Depth To Water
Feet

- 8 Ft - 54 Ft
- 55 Ft - 91 Ft
- 92 FT - 128 Ft
- 129 Ft - 172 Ft
- 173 Ft - 231 Ft
- 232 Ft - 379 Ft

N

0 10 20 40 60 Miles

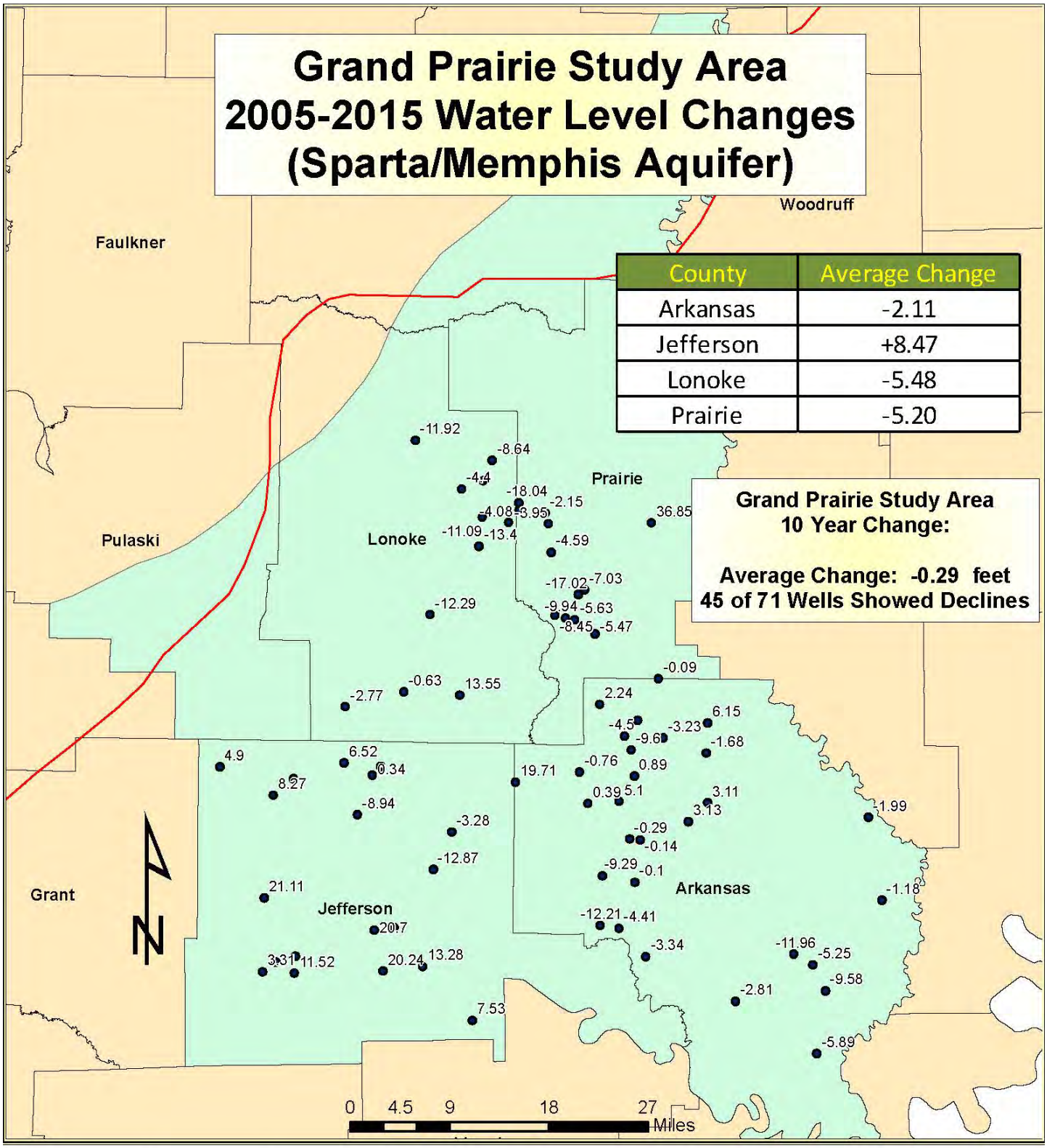
Fig. 10

Grand Prairie Study Area 2005-2015 Water Level Changes (Sparta/Memphis Aquifer)

County	Average Change
Arkansas	-2.11
Jefferson	+8.47
Lonoke	-5.48
Prairie	-5.20

Grand Prairie Study Area
10 Year Change:

Average Change: -0.29 feet
45 of 71 Wells Showed Declines

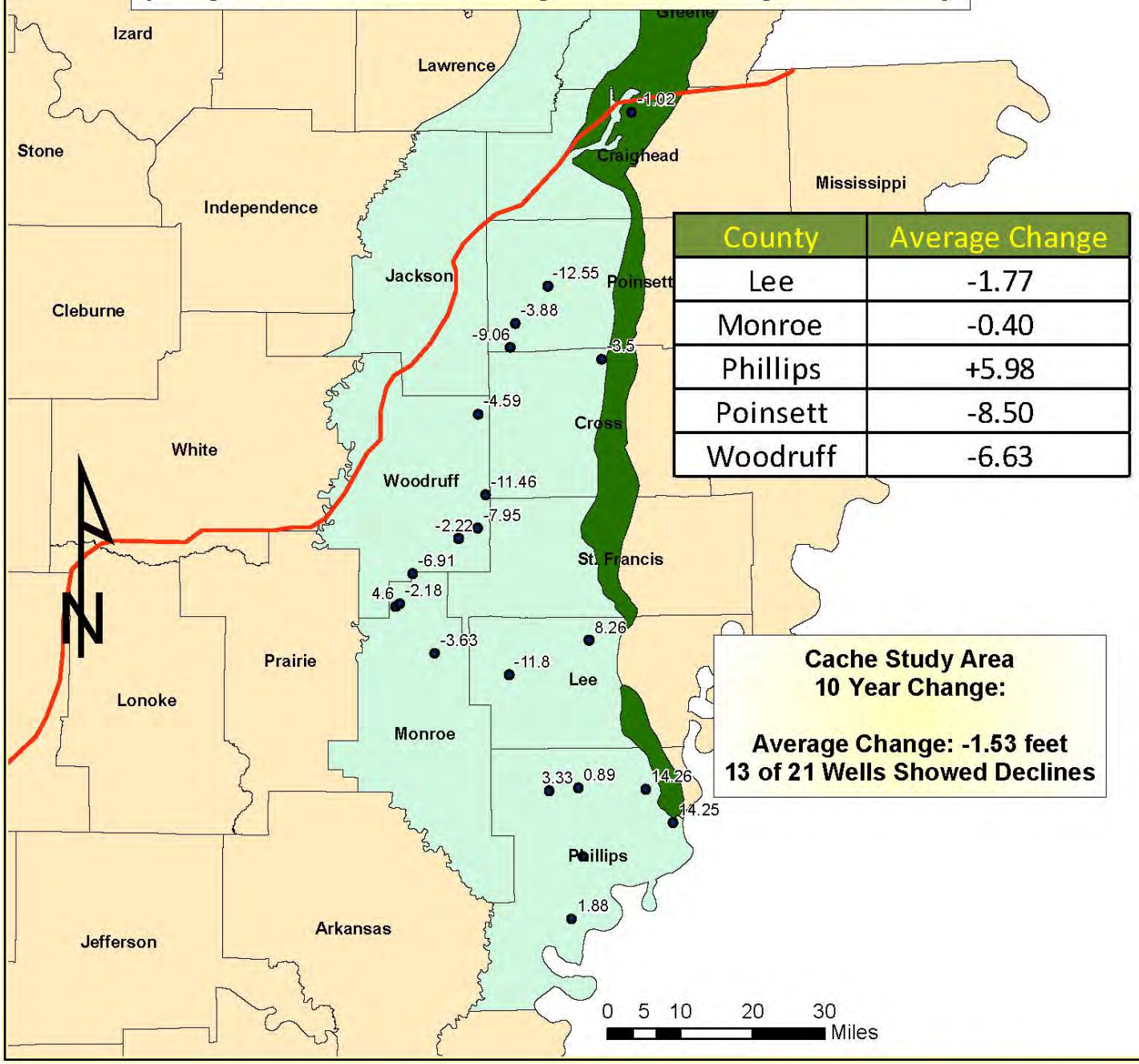


Legend

- Wells
- Sparta Boundary
- Grand Prairie Study Area

Fig. 11

Cache Study Area
2005-2015
Water Level Changes
(Sparta/Memphis Aquifer)



County	Average Change
Lee	-1.77
Monroe	-0.40
Phillips	+5.98
Poinsett	-8.50
Woodruff	-6.63

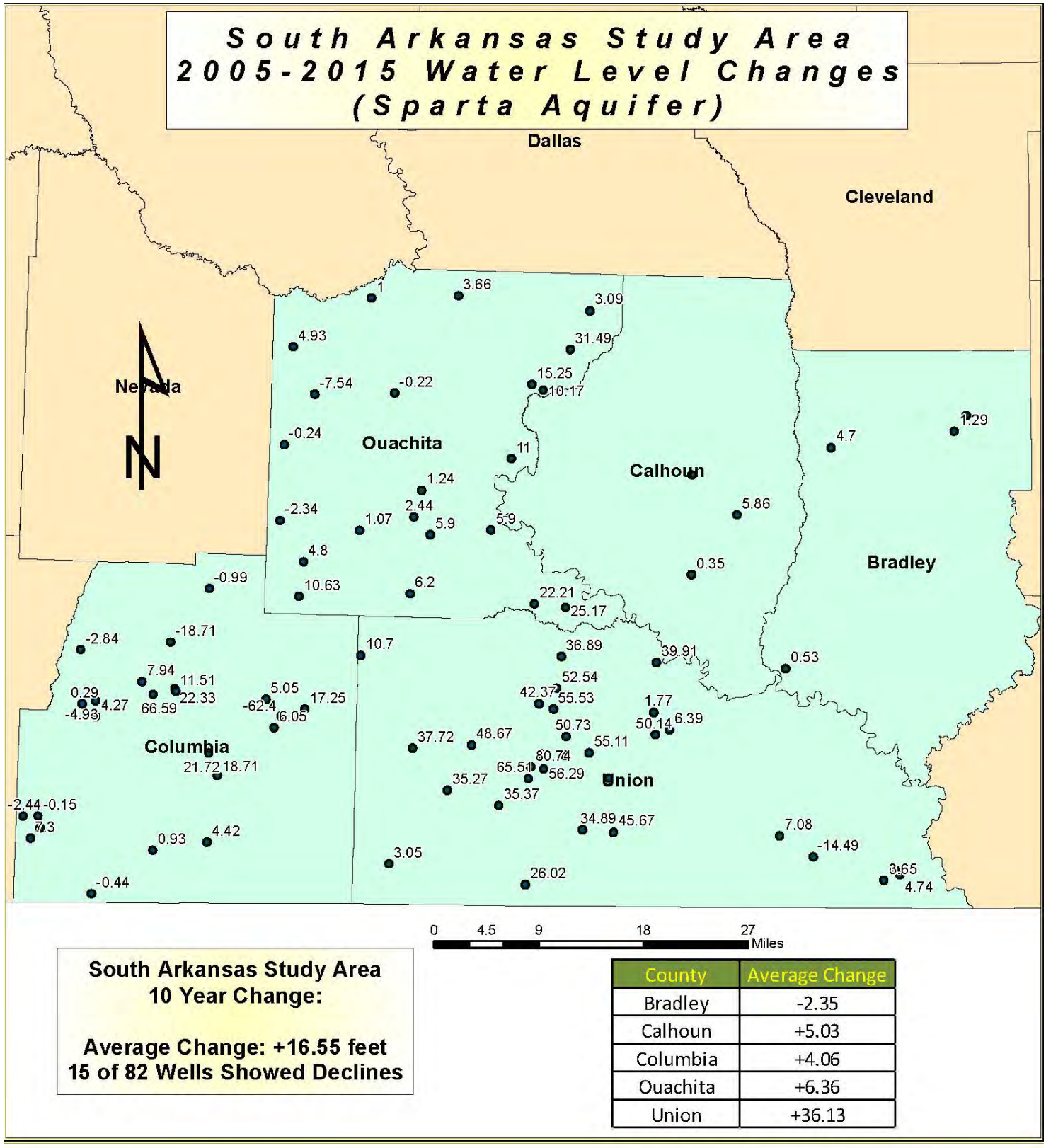
Cache Study Area
10 Year Change:

Average Change: -1.53 feet
13 of 21 Wells Showed Declines

Legend

- Wells
- Sparta Boundary
- Crowleys Ridge
- Cache Study Area

Fig. 12



South Arkansas Study Area
10 Year Change:

Average Change: +16.55 feet
15 of 82 Wells Showed Declines

County	Average Change
Bradley	-2.35
Calhoun	+5.03
Columbia	+4.06
Ouachita	+6.36
Union	+36.13

Legend

- Wells
- South Arkansas Study Area

Fig. 13

GROUND WATER USE

REGISTERED WELLS

In accordance with Act 1051 of 1985, all wells in Arkansas that have the capacity to produce fifty thousand (50,000) gallons per day must be registered with the ANRC. Domestic wells are exempt. The quantity used must be reported by March 1st of the following year. USGS reports show there are approximately 50,000 registered wells reported in the State, of which over 98% are agricultural wells, most of which are irrigation wells located primarily in eastern Arkansas. The remaining approximate 2% reported wells are used predominately for commercial, industrial, and public water supply purposes.

REPORTED WATER USE

In 2012 an estimated 8,302.81 million gallons per day (Mgal/d) of water were reported to be withdrawn from the State's aquifers. The greatest reported volume is pumped from the alluvial aquifer and used primarily for irrigation. The counties that reported the largest groundwater withdrawals from the alluvial aquifer were; Poinsett 835.20 Mgal/d, Cross 545.48 Mgal/s, Jackson 472.91 Mgal/d, Arkansas 445.91 Mgal/d, and Clay 436.61 Mgal/d. The reported total estimated groundwater use from the alluvial aquifer during 2012 was 8036.01 Mgal/d.

The Sparta/Memphis aquifer is the second largest aquifer in terms of withdrawals. The reported groundwater use from the Sparta/Memphis aquifer for 2012 159.45 Mgal/d, mostly used for municipal and industrial purposes. Jefferson County was the largest user of Sparta/Memphis water of all the counties, with an average withdrawal rate of 42.29 Mgal/d, followed by Arkansas County with a rate of 26.90 Mgal/d.

Table 4 contains the reported ground-water use by aquifer per county in Arkansas for 2012 and is also broken down by category of use. This is the most recent information as supplied to the ANRC by the USGS.

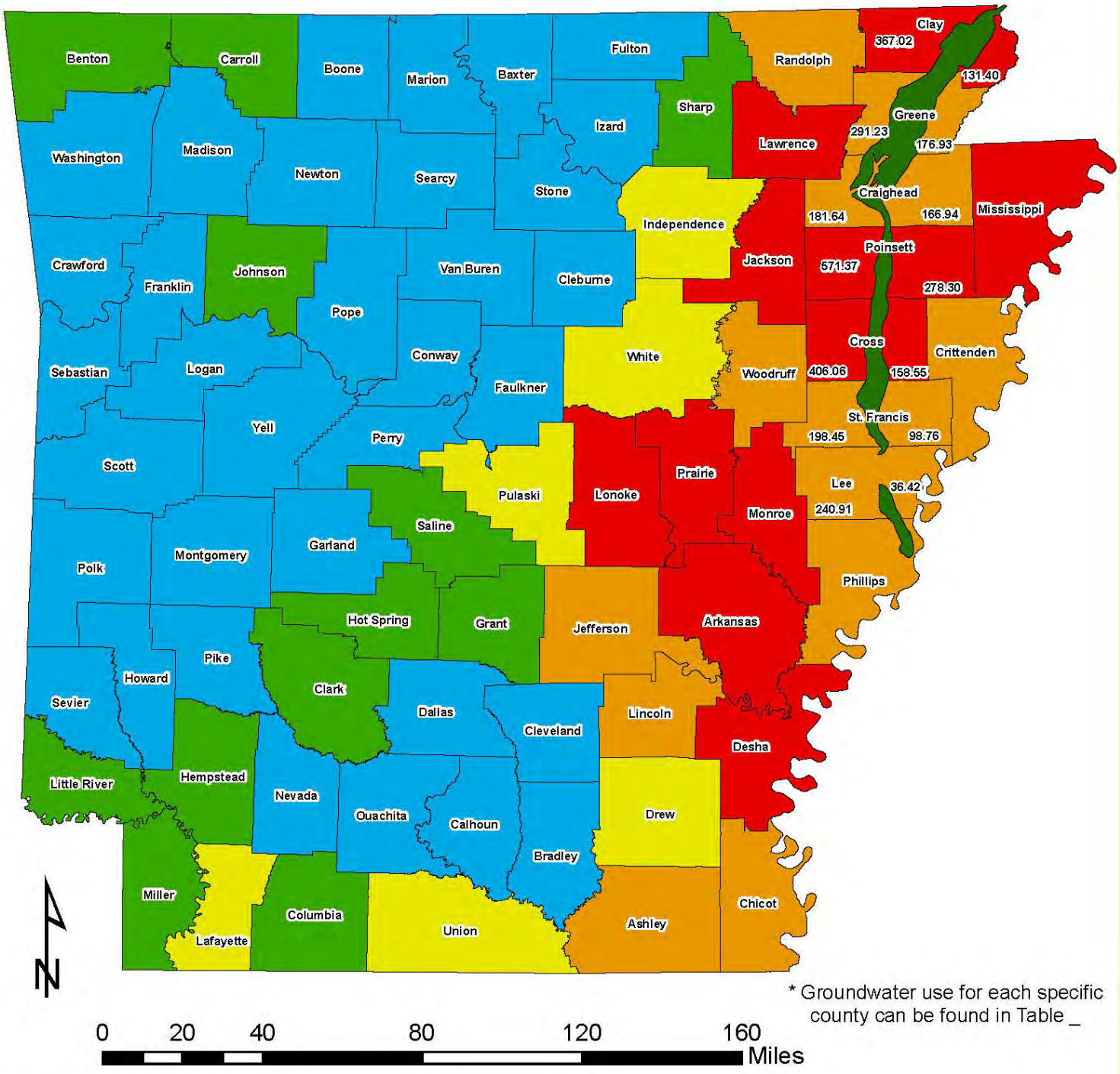
The Sparta/Memphis aquifer had a reported average withdrawal of 159.45 Mgal/d during the 2012 reporting period. It is important to note that mainly due to increases in the Sparta/Memphis aquifer for irrigation in the area, Arkansas County is now the second largest user of this aquifer's resources, with a withdrawal of 26.90 Mgal/d. Jefferson County is the largest user of Sparta/Memphis ground-water, with a withdrawal of 42.29 Mgal/d. (Table 4) Figure 14 shows the quantity of ground water use for each county in Arkansas as reported.

AWWCC

During the licensing period of 2015 the Arkansas Water Well Construction Commission (AWWCC) reported licensing; 165 Contractors, 217 Drillers, 50 Apprentice Drillers, 199 Pump Installers, 81 Pump Installer Apprentices, and 367 drill rigs for 2016. These numbers fluctuate from year to year but are in all, average for the last ten to twelve years. On average just over 1/3 of the new wells drilled each year are domestic water wells. Between 50% and 60% of the new wells drilled are for crop irrigation purposes with the remainder being livestock, poultry, public supply, geothermal or test wells respectively.

New Wells Drilled in Alluvial Aquifer and Groundwater Use Change from 2010-2012			
County	**New Irrigation wells**	**Groundwater Use change (Mgpd)**	**Groundwater Use Change per New Well (Mgpd)**
Arkansas	129	-58.99	-0.46
Ashley	50	-5.51	-0.11
Chicot	106	-2.31	-0.02
Clay	154	40.34	0.26
Craighead	133	-24.09	-0.18
Crittenden	98	71.88	0.73
Cross	268	26.17	0.10
Desha	159	3.44	0.02
Drew	30	39.66	1.32
Greene	60	108.61	1.81
Independence	10	3.52	0.35
Jackson	185	49.95	0.27
Jefferson	101	-15.75	-0.16
Lawrence	116	200.5	1.73
Lee	65	-32.08	-0.49
Lincoln	63	23.21	0.37
Lonoke	151	3.4	0.02
Mississippi	210	-16.08	-0.08
Monroe	132	15.53	0.12
Phillips	93	-24.66	-0.27
Poinsett	174	-7.79	-0.04
Prairie	98	183.28	1.87
Pulaski	25	8.41	0.34
Randolph	50	-5.51	-0.11
St. Francis	144	-51.43	-0.36
White	30	-1.24	-0.04
Woodruff	186	-50.45	-0.27
Average Groundwater Use Change per New Alluvial Aquifer Well, Mgpd			**0.25**

Ground Water Use in Arkansas as of 2012 (Mgal/day)



* Groundwater use for each specific county can be found in Table _

Legend

- 0 - 1 Mgal/day
- Greater than 1 - 10 Mgal/day
- Greater than 10 - 100 Mgal/day
- Greater than 100 - 300 Mgal/day
- Greater than 300 - 572 Mgal/day
- Crowleys Ridge

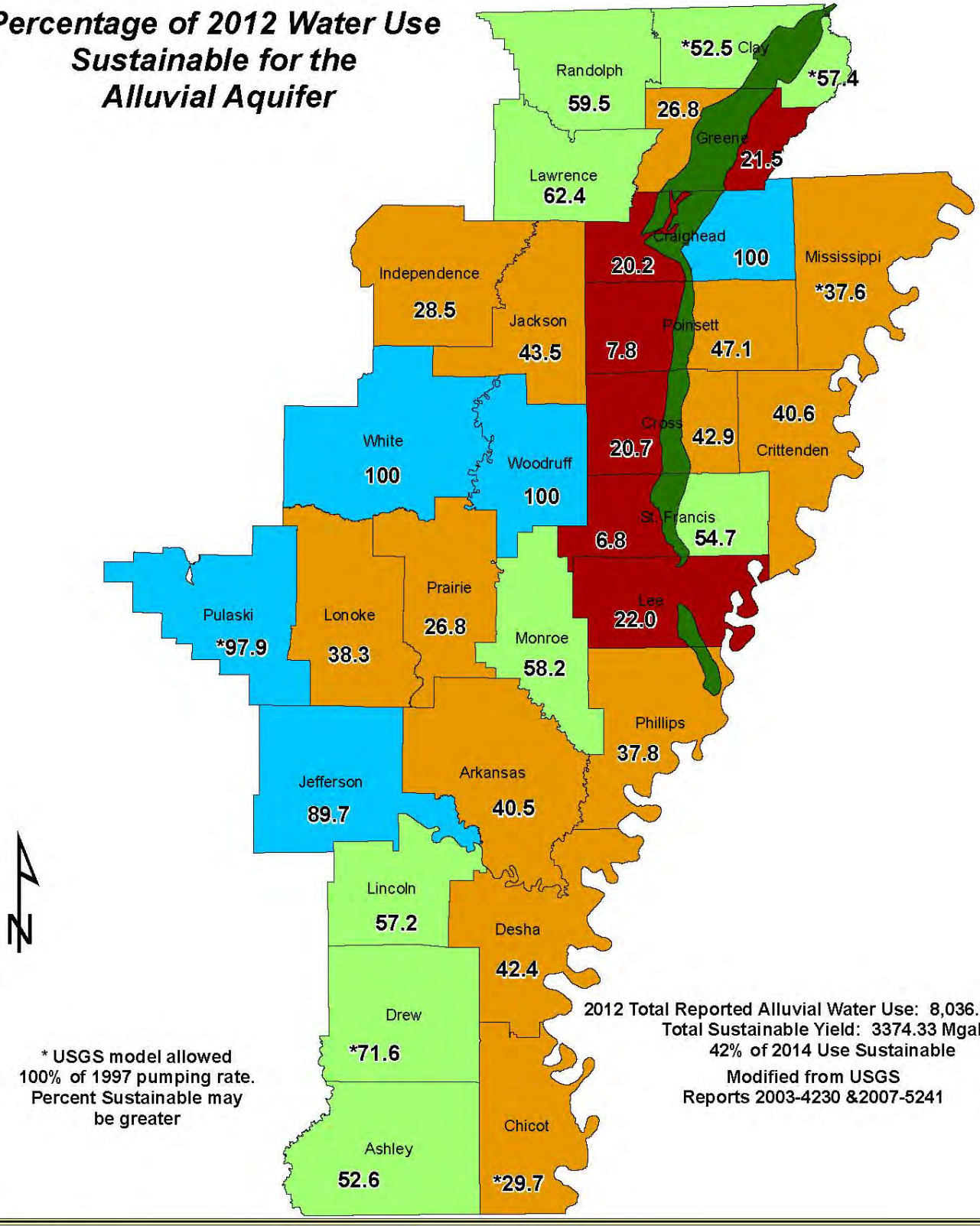
Total Use (Mgal/day): 8,302.81

***Data Obtained from United States Geological Survey**

The water use values shown in the counties divided by Crowley's Ridge represent the separation of water use based on location East or West of the ridge.

Fig. 14

Percentage of 2012 Water Use Sustainable for the Alluvial Aquifer



* USGS model allowed 100% of 1997 pumping rate. Percent Sustainable may be greater

2012 Total Reported Alluvial Water Use: 8,036.01 Mgal/day
Total Sustainable Yield: 3374.33 Mgal/d
42% of 2014 Use Sustainable

Modified from USGS Reports 2003-4230 &2007-5241

Legend

- 0 - 25%
- 26 - 50%
- 51 - 75%
- 76 - 100%
- Crowleys Ridge

0 15 30 60 90 120 Miles

Fig. 15

2012 Reported Withdrawals of Groundwater from Registered Wells by Aquifer, County and Use Type for Arkansas

[Mgal/d, million gallons per day; West, withdrawals from part of County west of Crowleys Ridge; East, withdrawals from part of County east of Crowleys Ridge]

Use Type	Quaternary, Alluvial and Terrace Deposits		Cockfield Formation		Sparta-Memphis Sand		Cane River		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		Paleozoic Undifferentiated		All Other Aquifers		Use Type Totals	
	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells
Arkansas County																								
Agriculture	0.09	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.09	1
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	445.82	2,127	0.65	1	25.54	83	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	23.38	119	495.39	2,330
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	1	0.00	0	1.36	7	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	1.36	8
TOTAL	**445.91**	**2,129**	**0.65**	**1**	**26.90**	**90**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**23.38**	**119**	**496.84**	**2,339**
Ashley County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	6.64	7	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	6.64	7
Irrigation	123.65	972	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	2.83	19	126.48	991
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	1.41	13	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.07	1	1.48	14
TOTAL	**123.65**	**972**	**8.05**	**20**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**2.90**	**20**	**134.60**	**1,012**
Baxter County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.17	3	0.00	1	0.17	4
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.00	0	0.00	1
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.51	18	0.00	0	0.51	18
TOTAL	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.68**	**22**	**0.00**	**1**	**0.68**	**23**
Benton County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.00	0	0.00	1
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.00	0	0.00	1
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.02	2	0.00	0	0.02	2
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	1.42	17	0.00	0	1.42	17
TOTAL	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**1.44**	**21**	**0.00**	**0**	**1.44**	**21**
Boone County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.67	7	0.00	0	0.67	7
TOTAL	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.67**	**7**	**0.00**	**0**	**0.67**	**7**

Use Type	Quaternary, Alluvial and Terrace Deposits		Cockfield Formation		Sparta-Memphis Sand		Cane River		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		Paleozoic Undifferentiated		All Other Aquifers		Use Type Totals	
	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells
Bradley County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.52	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.52	3
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.10	2	0.22	7	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.32	9
TOTAL	**0.00**	**0**	**0.10**	**2**	**0.73**	**10**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.83**	**12**
Calhoun County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.01	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.01	1
Irrigation	0.00	0	0.00	0	0.00	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.30	6	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.30	6
TOTAL	**0.00**	**0**	**0.00**	**0**	**0.31**	**8**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.31**	**8**
Carroll County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.12	4	0.00	3	0.12	7
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.00	0	0.00	1
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.91	14	0.00	0	0.91	14
TOTAL	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**1.04**	**19**	**0.00**	**3**	**1.04**	**22**
Chicot County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	198.93	1,634	0.56	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	1.13	13	200.63	1,650
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	1.46	8	0.37	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	1.83	11
TOTAL	**198.93**	**1,634**	**2.02**	**11**	**0.37**	**3**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**1.13**	**13**	**202.45**	**1,661**
Clark County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	1.77	4	0.00	0	1.77	4
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.17	3	0.00	0	0.00	0	0.00	0	0.00	0	0.17	3
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.00	4	0.06	2	0.00	0	0.00	0	0.00	0	0.06	7
TOTAL	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**1**	**0.17**	**7**	**0.06**	**2**	**0.00**	**0**	**1.77**	**4**	**0.00**	**0**	**1.99**	**14**

Use Type	Quaternary, Alluvial and Terrace Deposits		Cockfield Formation		Sparta-Memphis Sand		Cane River		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		Paleozoic Undifferentiated		All Other Aquifers		Use Type Totals	
	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells
Clay County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	436.59	2,105	0.00	0	0.00	0	0.00	0	1.14	4	0.00	0	0.00	0	0.00	0	0.00	0	0.91	5	58.34	299	496.98	2,413
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.02	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.98	8	0.00	0	0.00	0	0.43	3	0.00	0	1.43	12
TOTAL	**436.61**	**2,107**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**1.14**	**4**	**0.00**	**0**	**0.98**	**8**	**0.00**	**0**	**0.00**	**0**	**1.34**	**8**	**58.34**	**299**	**498.42**	**2,426**
Clay (West) County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	322.70	1,587	0.00	0	0.00	0	0.00	0	0.57	2	0.00	0	0.00	0	0.00	0	0.00	0	0.91	5	42.04	212	366.22	1,806
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.02	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.34	4	0.00	0	0.00	0	0.43	3	0.00	0	0.79	8
TOTAL	**322.72**	**1,589**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.57**	**2**	**0.00**	**0**	**0.34**	**4**	**0.00**	**0**	**0.00**	**0**	**1.34**	**8**	**42.04**	**212**	**367.02**	**1,815**
Clay (East) County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	113.89	518	0.00	0	0.00	0	0.00	0	0.57	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	16.30	87	130.76	607
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.64	4	0.00	0	0.00	0	0.00	0	0.00	0	0.64	4
TOTAL	**113.89**	**518**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.57**	**2**	**0.00**	**0**	**0.64**	**4**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**16.30**	**87**	**131.40**	**611**
Cleburne County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.13	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.13	1
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
TOTAL	**0.13**	**1**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.13**	**1**
Cleveland County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.32	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.03	2	0.35	6
TOTAL	**0.00**	**0**	**0.00**	**0**	**0.32**	**4**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.03**	**2**	**0.35**	**6**

Use Type	Quaternary, Alluvial and Terrace Deposits		Cockfield Formation		Sparta-Memphis Sand		Cane River		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		Paleozoic Undifferentiated		All Other Aquifers		Use Type Totals	
	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells
Columbia County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	2.13	42	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.01	1	0.00	0	0.00	0	2.13	43
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.97	15	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.97	15
TOTAL	**0.00**	**0**	**0.00**	**0**	**3.10**	**57**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.01**	**1**	**0.00**	**0**	**0.00**	**0**	**3.11**	**58**
Conway County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.87	10	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.87	10
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
TOTAL	**0.87**	**10**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.87**	**10**
Craighead County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.07	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.07	2
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	329.08	3,269	0.00	0	1.47	15	0.00	0	0.21	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	1.14	12	331.90	3,297
Mining	0.03	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.03	1
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	5.23	13	0.00	0	11.11	22	0.00	0	0.25	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	16.58	37
TOTAL	**334.40**	**3,285**	**0.00**	**0**	**12.58**	**37**	**0.00**	**0**	**0.46**	**3**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**1.14**	**12**	**348.58**	**3,337**
Craighead (West) County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	174.99	1,224	0.00	0	0.64	5	0.00	0	0.21	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.47	6	176.32	1,236
Mining	0.03	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.03	1
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	1.33	6	0.00	0	3.97	11	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	5.30	17
TOTAL	**176.35**	**1,231**	**0.00**	**0**	**4.60**	**16**	**0.00**	**0**	**0.21**	**1**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.47**	**6**	**181.64**	**1,254**
Craighead (East) County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.07	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.07	2
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	154.09	2,045	0.00	0	0.83	10	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.67	6	155.59	2,061
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	3.90	7	0.00	0	7.14	11	0.00	0	0.25	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	11.28	20
TOTAL	**158.06**	**2,054**	**0.00**	**0**	**7.97**	**21**	**0.00**	**0**	**0.25**	**2**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.67**	**6**	**166.94**	**2,083**

Use Type	Quaternary, Alluvial and Terrace Deposits		Cockfield Formation		Sparta-Memphis Sand		Cane River		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		Paleozoic Undifferentiated		All Other Aquifers		Use Type Totals	
	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells
Crawford County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.65	10	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.65	10
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
TOTAL	**0.65**	**10**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.65**	**10**
Crittenden County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.00	4
Irrigation	274.01	1,438	0.40	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.96	7	275.37	1,446
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	9.86	10	0.00	0	0.00	0	0.00	0	3.01	18	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	12.88	28
TOTAL	**283.87**	**1,451**	**0.40**	**1**	**0.00**	**0**	**0.00**	**0**	**3.01**	**18**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.96**	**8**	**288.24**	**1,478**
Cross County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.43	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.43	4
Irrigation	544.33	2,336	0.00	0	5.54	11	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	12.22	75	562.08	2,422
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.73	4	0.00	0	1.05	8	0.00	0	0.32	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	2.09	14
TOTAL	**545.49**	**2,344**	**0.00**	**0**	**6.58**	**19**	**0.00**	**0**	**0.32**	**2**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**12.22**	**75**	**564.61**	**2,440**
Cross (West) County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.43	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.43	4
Irrigation	391.59	1,590	0.00	0	5.15	9	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	7.12	34	403.85	1,633
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.73	4	0.00	0	1.05	5	0.00	0	0.00	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	1.78	10
TOTAL	**392.75**	**1,598**	**0.00**	**0**	**6.19**	**14**	**0.00**	**0**	**0.00**	**1**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**7.12**	**34**	**406.06**	**1,647**
Cross (East) County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	152.74	746	0.00	0	0.39	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	5.11	41	158.23	789
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	3	0.00	0	0.32	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.32	4
TOTAL	**152.74**	**746**	**0.00**	**0**	**0.39**	**5**	**0.00**	**0**	**0.32**	**1**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**5.11**	**41**	**158.55**	**793**

Use Type	Quaternary, Alluvial and Terrace Deposits		Cockfield Formation		Sparta-Memphis Sand		Cane River		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		Paleozoic Undifferentiated		All Other Aquifers		Use Type Totals	
	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells
Dallas County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	1	0.00	0	0.62	5	0.00	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.62	8
TOTAL	**0.00**	**1**	**0.00**	**0**	**0.62**	**5**	**0.00**	**2**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.62**	**8**
Desha County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1
Industrial	0.00	0	0.00	0	4.84	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	4.84	4
Irrigation	369.92	2,144	2.13	8	0.11	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	11.77	64	383.93	2,217
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	2.24	10	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	2.24	10
TOTAL	**369.92**	**2,144**	**2.13**	**9**	**7.19**	**15**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**11.77**	**64**	**391.01**	**2,232**
Drew County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	71.00	539	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	71.00	539
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	2.42	9	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	2.42	9
TOTAL	**71.00**	**539**	**0.00**	**0**	**2.42**	**9**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**73.42**	**548**
Faulkner County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.18	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.03	1	0.21	3
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	8	0.00	0	0.00	11
TOTAL	**0.18**	**5**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**8**	**0.03**	**1**	**0.21**	**14**
Franklin County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.00	0	0.00	1
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.00	0	0.00	1
TOTAL	**0.00**	**2**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**1**	**0.00**	**0**	**0.00**	**3**

Use Type	Quaternary, Alluvial and Terrace Deposits		Cockfield Formation		Sparta-Memphis Sand		Cane River		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		Paleozoic Undifferentiated		All Other Aquifers		Use Type Totals	
	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells
Fulton County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	0.00	0	0.00	2
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.76	6	0.00	1	0.76	7
TOTAL	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.76**	**8**	**0.00**	**1**	**0.76**	**9**
Garland County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.01	1	0.02	2
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	0.00	0	0.00	3
TOTAL	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**4**	**0.01**	**1**	**0.02**	**5**
Grant County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.22	3	0.22	3
Irrigation	0.08	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.08	1
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	1.54	12	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	1.54	12
TOTAL	**0.08**	**1**	**0.00**	**0**	**1.54**	**12**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.22**	**3**	**1.84**	**16**
Greene County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.07	2	0.00	0	0.00	0	0.00	0	0.03	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.10	4
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.03	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.03	1
Irrigation	459.27	2,207	0.00	0	0.59	3	0.00	0	2.77	16	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.87	4	463.51	2,230
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.00	0	0.01	1	0.00	0	0.00	0	0.00	0	0.00	0	0.01	2
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.20	1	0.00	0	3.83	11	0.00	0	0.49	4	0.00	0	0.00	0	0.00	0	0.00	0	4.52	16
TOTAL	**459.34**	**2,209**	**0.00**	**0**	**0.80**	**4**	**0.00**	**0**	**6.66**	**31**	**0.00**	**0**	**0.50**	**5**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.87**	**4**	**468.16**	**2,253**
Greene (West) County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.07	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.07	2
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	289.23	1,482	0.00	0	0.00	0	0.00	0	0.79	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.36	2	290.39	1,488
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.01	1	0.00	0	0.00	0	0.00	0	0.00	0	0.01	1
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.77	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.77	3
TOTAL	**289.30**	**1,484**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**1.56**	**7**	**0.00**	**0**	**0.01**	**1**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.36**	**2**	**291.23**	**1,494**

Use Type	Quaternary, Alluvial and Terrace Deposits		Cockfield Formation		Sparta-Memphis Sand		Cane River		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		Paleozoic Undifferentiated		All Other Aquifers		Use Type Totals	
	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells
Greene (East) County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.03	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.03	2
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.03	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.03	1
Irrigation	170.05	725	0.00	0	0.59	3	0.00	0	1.98	12	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.50	2	173.12	742
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.20	1	0.00	0	3.06	8	0.00	0	0.49	4	0.00	0	0.00	0	0.00	0	0.00	0	3.75	13
TOTAL	**170.05**	**725**	**0.00**	**0**	**0.80**	**4**	**0.00**	**0**	**5.09**	**24**	**0.00**	**0**	**0.49**	**4**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.50**	**2**	**176.93**	**759**
Hempstead County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.44	6	1.96	11	0.00	0	0.00	0	0.00	0	2.40	17
TOTAL	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.44**	**7**	**1.96**	**11**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**2.40**	**18**
Hot Spring County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	2.32	1	0.00	0	2.32	1
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.01	1	0.00	0	0.01	1
TOTAL	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**2.33**	**2**	**0.00**	**0**	**2.33**	**2**
Howard County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.62	5	0.00	0	0.00	0	0.00	0	0.62	5
TOTAL	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.62**	**5**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.62**	**5**
Independence County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	60.80	339	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	60.80	339
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	1.19	6	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	1.19	6
Public Supply	0.30	5	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.30	5
TOTAL	**62.29**	**350**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**62.29**	**350**

Use Type	Quaternary, Alluvial and Terrace Deposits		Cockfield Formation		Sparta-Memphis Sand		Cane River		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		Paleozoic Undifferentiated		All Other Aquifers		Use Type Totals	
	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells
Izard County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.88	13	0.00	0	0.88	13
TOTAL	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.88**	**13**	**0.00**	**0**	**0.88**	**13**
Jackson County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.21	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.21	1
Irrigation	472.25	2,751	0.00	0	0.40	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.80	5	473.45	2,757
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.45	13	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.45	13
TOTAL	**472.91**	**2,765**	**0.00**	**0**	**0.40**	**1**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.80**	**5**	**474.11**	**2,771**
Jefferson County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	5.50	8	0.00	0	29.42	28	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	34.92	36
Irrigation	216.68	1,601	0.00	0	0.05	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	216.72	1,602
Mining	0.01	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.01	1
Power	0.00	0	1.19	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	1.19	2
Public Supply	0.00	0	0.00	0	12.83	33	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	12.83	33
TOTAL	**222.19**	**1,610**	**1.19**	**2**	**42.29**	**62**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**265.67**	**1,674**
Johnson County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	1.00	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	1.00	1
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.27	14	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.27	14
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
TOTAL	**1.27**	**15**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**1.27**	**15**
Lafayette County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2
Irrigation	13.74	151	0.00	1	0.05	22	0.00	0	0.01	11	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.59	15	14.40	200
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	6	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	6
Public Supply	0.00	0	0.00	0	0.10	4	0.40	5	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.49	9
TOTAL	**13.74**	**151**	**0.00**	**1**	**0.16**	**34**	**0.40**	**5**	**0.01**	**11**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.59**	**15**	**14.90**	**217**

Use Type	Quaternary, Alluvial and Terrace Deposits		Cockfield Formation		Sparta-Memphis Sand		Cane River		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		Paleozoic Undifferentiated		All Other Aquifers		Use Type Totals	
	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells
Lawrence County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	379.80	1,860	0.00	0	0.22	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.57	3	0.62	2	381.21	1,866
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.05	9	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.57	7	0.00	0	0.62	16
TOTAL	**379.85**	**1,869**	**0.00**	**0**	**0.22**	**1**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**1**	**0.00**	**0**	**0.00**	**0**	**1.14**	**10**	**0.62**	**2**	**381.83**	**1,883**
Lee County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	267.78	2,168	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	8.23	75	276.01	2,243
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.99	2	0.00	0	0.05	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.29	2	1.33	5
TOTAL	**267.78**	**2,168**	**0.00**	**0**	**0.99**	**2**	**0.00**	**0**	**0.05**	**1**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**8.52**	**77**	**277.34**	**2,248**
Lee (West) County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	234.67	1,966	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	5.25	57	239.92	2,023
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.99	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.99	2
TOTAL	**234.67**	**1,966**	**0.00**	**0**	**0.99**	**2**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**5.25**	**57**	**240.91**	**2,025**
Lee (East) County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	33.11	202	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	2.97	18	36.09	220
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.05	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.29	2	0.34	3
TOTAL	**33.11**	**202**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.05**	**1**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**3.26**	**20**	**36.42**	**223**
Lincoln County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	217.43	1,215	0.00	0	0.21	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	1.38	8	219.02	1,225
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	1.60	9	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	1.60	9
TOTAL	**217.43**	**1,215**	**0.00**	**0**	**1.81**	**11**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**1.38**	**8**	**220.61**	**1,234**

Use Type	Quaternary, Alluvial and Terrace Deposits		Cockfield Formation		Sparta-Memphis Sand		Cane River		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		Paleozoic Undifferentiated		All Other Aquifers		Use Type Totals	
	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells
Little River County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.08	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.08	1
Industrial	0.00	5	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	5
Irrigation	0.57	10	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.57	10
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.58	7	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.58	7
TOTAL	**1.23**	**23**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**1.23**	**23**
Logan County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.15	12	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.15	12
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
TOTAL	**0.15**	**12**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.15**	**12**
Lonoke County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.75	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.75	3
Irrigation	348.59	2,565	0.00	0	14.37	53	0.00	0	1.81	6	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	6.87	36	371.64	2,660
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	5.14	27	0.00	0	1.76	12	0.00	0	0.63	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	7.53	42
TOTAL	**354.48**	**2,595**	**0.00**	**0**	**16.13**	**65**	**0.00**	**0**	**2.44**	**8**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**6.87**	**37**	**379.92**	**2,705**
Madison County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.00	0	0.00	1
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
TOTAL	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**1**	**0.00**	**0**	**0.00**	**1**
Marion County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	0.00	0	0.00	2
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
TOTAL	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**2**	**0.00**	**0**	**0.00**	**2**

Use Type	Quaternary, Alluvial and Terrace Deposits		Cockfield Formation		Sparta-Memphis Sand		Cane River		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		Paleozoic Undifferentiated		All Other Aquifers		Use Type Totals	
	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells
Miller County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	2	0.00	0	0.00	0	0.00	0	0.01	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.01	4
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	6.45	72	0.00	0	0.00	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	6.45	74
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.09	1	0.00	0	0.01	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.11	2
TOTAL	**6.54**	**75**	**0.00**	**0**	**0.01**	**3**	**0.00**	**0**	**0.01**	**2**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**6.57**	**80**
Mississippi County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.63	5	0.00	0	0.00	0	0.00	0	2.22	10	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.43	1	3.28	16
Irrigation	348.02	2,391	0.00	0	0.00	0	0.00	0	0.10	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	348.12	2,392
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	1	0.00	0	0.00	0	0.00	0	0.23	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.23	4
Public Supply	0.00	0	0.00	0	0.00	1	0.00	0	14.14	24	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.27	1	14.41	26
TOTAL	**348.65**	**2,397**	**0.00**	**0**	**0.00**	**1**	**0.00**	**0**	**16.69**	**38**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.70**	**2**	**366.04**	**2,438**
Monroe County																								
Agriculture	0.09	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.09	1
Commercial	0.00	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	308.59	2,320	0.88	9	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	309.47	2,329
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.48	1	0.00	0	0.83	5	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	1.30	6
TOTAL	**309.16**	**2,323**	**0.88**	**9**	**0.83**	**5**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**310.86**	**2,337**
Montgomery County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.16	4	0.00	0	0.16	4
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	0.00	0	0.00	2
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
TOTAL	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.16**	**6**	**0.00**	**0**	**0.16**	**6**
Nevada County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.05	2	0.00	0	0.05	2	0.00	0	0.00	0	0.00	0	0.00	0	0.10	4
TOTAL	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.05**	**2**	**0.00**	**0**	**0.05**	**2**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.10**	**4**

Use Type	Quaternary, Alluvial and Terrace Deposits		Cockfield Formation		Sparta-Memphis Sand		Cane River		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		Paleozoic Undifferentiated		All Other Aquifers		Use Type Totals	
	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells
Newton County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.02	3	0.16	1	0.18	4
TOTAL	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.02**	**3**	**0.16**	**1**	**0.18**	**4**
Ouachita County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.88	12	0.05	3	0.00	0	0.00	0	0.00	1	0.00	0	0.00	0	0.00	0	0.00	0	0.94	16
TOTAL	**0.00**	**0**	**0.00**	**0**	**0.88**	**12**	**0.05**	**3**	**0.00**	**0**	**0.00**	**0**	**0.00**	**1**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.94**	**16**
Perry County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2
TOTAL	**0.00**	**3**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**3**
Phillips County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1
Irrigation	236.53	2,083	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	236.53	2,083
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.20	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.20	4
Public Supply	0.00	0	0.00	0	3.18	15	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	3.18	15
TOTAL	**236.53**	**2,083**	**0.00**	**1**	**3.38**	**19**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**239.91**	**2,103**
Pike County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.05	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.05	2
TOTAL	**0.05**	**2**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.05**	**2**

Use Type	Quaternary, Alluvial and Terrace Deposits		Cockfield Formation		Sparta-Memphis Sand		Cane River		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		Paleozoic Undifferentiated		All Other Aquifers		Use Type Totals	
	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells
Poinsett County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.54	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.54	1
Industrial	0.00	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1
Irrigation	833.80	2,972	1.87	9	4.50	14	0.00	0	2.15	5	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	3.80	11	846.12	3,011
Mining	0.00	0	0.00	0	0.07	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.07	1
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.85	8	0.00	0	0.03	4	0.00	0	2.05	9	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	2.93	22
TOTAL	**835.20**	**2,982**	**1.87**	**9**	**4.60**	**19**	**0.00**	**0**	**4.21**	**14**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**3.80**	**12**	**849.67**	**3,036**
Poinsett (West) County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.54	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.54	1
Industrial	0.00	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1
Irrigation	562.44	1,823	1.87	9	3.40	9	0.00	0	2.15	5	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	569.86	1,846
Mining	0.00	0	0.00	0	0.07	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.07	1
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.53	6	0.00	0	0.03	4	0.00	0	0.34	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.89	11
TOTAL	**563.51**	**1,831**	**1.87**	**9**	**3.50**	**14**	**0.00**	**0**	**2.49**	**6**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**571.37**	**1,860**
Poinsett (East) County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	271.36	1,149	0.00	0	1.10	5	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	3.80	11	276.26	1,165
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.33	2	0.00	0	0.00	0	0.00	0	1.72	8	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	2.04	11
TOTAL	**271.69**	**1,151**	**0.00**	**0**	**1.10**	**5**	**0.00**	**0**	**1.72**	**8**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**3.80**	**12**	**278.30**	**1,176**
Polk County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.01	2	0.00	0	0.01	4
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
TOTAL	**0.00**	**4**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.01**	**2**	**0.00**	**0**	**0.01**	**6**
Pope County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.07	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.07	4
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
TOTAL	**0.07**	**4**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.07**	**4**

Use Type	Quaternary, Alluvial and Terrace Deposits		Cockfield Formation		Sparta-Memphis Sand		Cane River		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		Paleozoic Undifferentiated		All Other Aquifers		Use Type Totals	
	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells
Prairie County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	202.59	1,776	0.00	0	11.68	55	0.00	0	2.78	14	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	10.88	58	227.94	1,903
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	208.51	10	0.00	0	0.16	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	208.67	12
TOTAL	**411.10**	**1,786**	**0.00**	**0**	**11.84**	**57**	**0.00**	**0**	**2.78**	**14**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**10.88**	**58**	**436.61**	**1,915**
Pulaski County																								
Agriculture	0.03	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.03	1
Commercial	0.06	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	0.00	0	0.06	4
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	20.43	230	0.13	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	1.00	7	21.56	238
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.05	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.05	2
Public Supply	3.17	12	0.00	0	0.21	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.02	5	0.00	0	3.40	20
TOTAL	**23.68**	**245**	**0.13**	**1**	**0.26**	**5**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.02**	**7**	**1.00**	**7**	**25.09**	**265**
Randolph County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	106.10	720	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.16	1	0.34	1	106.59	722
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.03	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.26	5	0.00	0	0.29	6
TOTAL	**106.13**	**721**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.42**	**6**	**0.34**	**1**	**106.88**	**728**
St Francis County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	291.25	2,090	0.57	6	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.94	3	292.76	2,099
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	4
Public Supply	4.04	15	0.00	0	0.00	0	0.00	0	0.41	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	4.45	19
TOTAL	**295.29**	**2,109**	**0.57**	**6**	**0.00**	**0**	**0.00**	**0**	**0.41**	**4**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.94**	**3**	**297.21**	**2,122**
St Francis (West) County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	192.90	1,356	0.57	6	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.94	3	194.41	1,365
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	4
Public Supply	4.04	15	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	4.04	15
TOTAL	**196.94**	**1,375**	**0.57**	**6**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.94**	**3**	**198.45**	**1,384**

Use Type	Quaternary, Alluvial and Terrace Deposits		Cockfield Formation		Sparta-Memphis Sand		Cane River		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		Paleozoic Undifferentiated		All Other Aquifers		Use Type Totals	
	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells
St Francis (East) County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	98.35	734	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	98.35	734
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.41	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.41	4
TOTAL	**98.35**	**734**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.41**	**4**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**98.76**	**738**
Saline County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.34	2	0.00	0	0.26	2	0.00	0	0.83	7	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	1.43	11
TOTAL	**0.34**	**2**	**0.00**	**0**	**0.26**	**2**	**0.00**	**0**	**0.83**	**7**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**1.43**	**11**
Scott County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
TOTAL	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**
Searcy County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.26	4	0.00	0	0.26	4
TOTAL	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.26**	**4**	**0.00**	**0**	**0.26**	**4**
Sebastian County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
TOTAL	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**

Use Type	Quaternary, Alluvial and Terrace Deposits		Cockfield Formation		Sparta-Memphis Sand		Cane River		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		Paleozoic Undifferentiated		All Other Aquifers		Use Type Totals	
	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells
Sevier County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.01	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.16	4	0.00	0	0.00	0	0.17	5
TOTAL	**0.01**	**1**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.16**	**4**	**0.00**	**0**	**0.00**	**0**	**0.17**	**5**
Sharp County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.36	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.36	1
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.00	0	0.82	10	0.00	0	0.82	12
TOTAL	**0.36**	**2**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**1**	**0.00**	**0**	**0.82**	**10**	**0.00**	**0**	**1.18**	**13**
Stone County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.01	1	0.00	0	0.01	1
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.14	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.14	1
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
TOTAL	**0.14**	**1**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.01**	**1**	**0.00**	**0**	**0.15**	**2**
Union County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.18	1	5.30	20	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	5.48	21
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.05	1	0.00	1	5.01	35	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.01	4	5.07	41
TOTAL	**0.05**	**1**	**0.18**	**2**	**10.31**	**55**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.01**	**4**	**10.55**	**62**
Van Buren County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
TOTAL	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**

Use Type	Quaternary, Alluvial and Terrace Deposits		Cockfield Formation		Sparta-Memphis Sand		Cane River		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		Paleozoic Undifferentiated		All Other Aquifers		Use Type Totals	
	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells	Mgal/d	# of Wells
Washington County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	0.00	0	0.00	2
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.00	1
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
TOTAL	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**2**	**0.00**	**1**	**0.00**	**3**
White County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Irrigation	32.40	418	0.00	0	0.00	0	0.00	0	0.75	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.80	15	33.95	435
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.97	8	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.97	8
TOTAL	**33.38**	**426**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.75**	**2**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.80**	**15**	**34.93**	**443**
Woodruff County																								
Agriculture	0.00	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.25	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.25	2
Irrigation	163.54	1,943	0.00	0	1.63	10	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	35.78	455	200.94	2,408
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.08	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.08	2
Public Supply	0.49	9	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.49	9
TOTAL	**164.36**	**1,958**	**0.00**	**0**	**1.63**	**10**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**35.78**	**455**	**201.77**	**2,423**
Yell County																								
Agriculture	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Commercial	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Industrial	0.00	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	4
Irrigation	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Mining	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Power	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
Public Supply	0.61	8	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.61	8
TOTAL	**0.61**	**12**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.00**	**0**	**0.61**	**12**
State Total County																								
Agriculture	0.21	5	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.21	5
Commercial	1.90	19	0.00	1	0.00	0	0.00	0	0.04	4	0.00	0	0.00	1	0.00	0	0.00	0	2.23	25	0.01	5	4.18	55
Industrial	8.13	37	6.82	9	42.22	100	0.00	0	2.26	11	0.00	0	0.17	3	0.00	0	0.01	1	0.00	3	0.65	5	60.24	169
Irrigation	7,782.41	48,497	7.20	39	66.37	275	0.00	0	11.74	60	0.00	0	0.00	0	0.00	0	0.00	0	1.64	13	184.70	1,304	8,054.05	50,188
Mining	0.04	5	0.00	0	0.07	1	0.00	0	0.00	1	0.00	0	0.01	2	0.00	0	0.00	0	2.35	6	0.00	1	2.47	16
Power	1.27	15	1.19	2	0.25	12	0.00	0	0.23	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	2.94	32
Public Supply	242.06	176	2.97	24	50.55	249	0.45	10	25.56	82	0.00	1	1.97	25	2.64	19	0.16	4	7.54	124	0.83	14	178.54	728
TOTAL	**8,036.01**	**48,754**	**18.17**	**75**	**159.45**	**637**	**0.45**	**10**	**39.82**	**161**	**0.00**	**1**	**2.15**	**31**	**2.64**	**19**	**0.17**	**5**	**13.76**	**171**	**186.19**	**1,329**	**8,302.81**	**51,193**

SUMMARY

The Ground Water Protection and Management Report for 2015 is a summary of the activities and significant findings of the Arkansas Natural Resources Commission (ANRC). This report is prepared annually in response to legislative mandates that direct the ANRC to study the State's ground-water resources.

The purposes of the programs outlined in this report are to monitor the condition of the State's groundwater resources and to evaluate trends in water level and water quality fluctuations. The ANRC, the NRCS, and the USGS monitor over 1,000 water wells each year for water levels and prescribed water quality parameters. This monitoring is accomplished through a cooperative agreement with the ANRC, and the USGS.

Spring water level measurements from 2014 to 2015 provided short term data indicating an overall average increase in water levels. The overall change in the alluvial aquifer for spring 2014 to spring 2015 was +0.28 feet with 46.7 percent of measured wells showing a water-level decline. Over the same time period the Sparta aquifer had an average change of +2.36 feet. Thirty-nine percent of the State's annual precipitation in 2015 came during the irrigation season mitigating the need for the use of groundwater for crop irrigation. This led to a slight increase in the potentiometric surface over the one year timeframe in both the alluvial and the Sparta/Memphis aquifers. The areas of heightened concern due to water-level decline continue to be in the Grand Prairie, South Arkansas, and Cache Study Areas. Fluctuations may be observed in ground-water levels over a short time period, however long term records illustrate the seriousness of the declines in ground-water levels as illustrated by the hydrographs and long term change maps.

Arkansas is withdrawing ground water from the alluvial and Sparta aquifers in eastern and southern Arkansas at a rate which is far above sustainable. With this in mind, the ANRC should continue to promote conservation, education, and the conjunctive use of ground and surface-water at rates that are sustainable for current and future water use needs.

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Appendix A

Alluvial Aquifer Water Level Monitoring Data

Alluvial Aquifer WL Change

2015,2014,2010,2005

County	Station ID	Latitude	Longitude	Date	15 DTW	Aq Thickness	Saturated ft	% Saturated	14 DTW	2010 DTW	2005 DTW	14-15 Change	10 - 15 Change	05 - 15 Change
Arkansas	02S04W11DBB1	343232.9	912415	4/1/2015	99.08	145.3	46.2	31.81	100.76	98.75	99.8	1.68	-0.33	0.72
Arkansas	02S05W15AAB1	34.53686	-91.524089	3/11/2015	120.15					113.6	106.4		-6.59	-13.75
Arkansas	02S05W31BBB1	34.49353	-91.593394	3/11/2015	10.56						16.00			5.44
Arkansas	03S04W02BBB1	34.47538	-91.415125	4/1/2015	93.55					92.99	91.85		-0.56	-1.70
Arkansas	03S02W27ABB1	342447.9	911251.01	4/1/2015	64.8	155.6	90.8	58.35	64.04	61.96	67.8	-0.76	-2.84	3.00
Arkansas	03S03W05CCD1	342737	912131.83	4/1/2015	99.37	128.9	29.5	22.91	100.25	98.33	97.6	0.88	-1.04	-1.77
Arkansas	03S03W18CCC1	342553	912251	2/4/2015	101.31	116.5	15.2	13.04	103.35	99.56		2.04	-1.75	
Arkansas	03S03W27BBC1	342454.7	911944.08	4/1/2015	94.0	134.0	40.0	29.85	90.87	92.5	90.9	-3.13	-1.50	-3.10
Arkansas	03S04W03DCA16	342753	912515.37	4/24/2015	101.54	126.5	25.0	19.73	101.65	101.1	99.8	0.11	-0.42	-1.74
Arkansas	03S05W03CCC1	342752.2	913227.43	3/11/2015	104.48				103.64	103.6		-0.84	-0.89	
Arkansas	03S05W13CBA2	342630	913007	2/4/2015	106.62	130.5	23.9	18.30	106.83	108.8		0.21	2.18	
Arkansas	03S05W24DAA1	342525.2	912921.98	3/11/2015	55.15				64.27	44.01		9.12	-11.14	
Arkansas	03S06W35ADD1	342411.4	913651.67	3/11/2015	60.2				59.99	52.77	52.8	-0.21	-7.43	-7.40
Arkansas	04S03W17ADD1	342101.9	912058.11	4/1/2015	109.67	154.7	45.0	29.11	108.31	108.5	107.13	-1.36	-1.19	-2.54
Arkansas	04S04W02ABB1	342313.2	912423.69	4/1/2015	110.85	142.9	32.1	22.43	111.31	109.1	111.5	0.46	-1.80	0.65
Arkansas	04S01W19AAD	34.33659	-91.155372	4/1/2015	60.53						62.95			2.42
Arkansas	04S01W31DCB1	34.29811	-91.163706	4/1/2015	50.3					50.15	52.05		-0.15	1.75
Arkansas	05S01W16BAB1	341551.6	910729.49	3/31/2015	49.5	152.7	103.2	67.58	48.68	48.71	45.5	-0.82	-0.79	-4.00
Arkansas	05S03W09CBA1	341624	912046	2/4/2015	114.74	167.9	53.2	31.66	115.46	112.2		0.72	-2.55	
Arkansas	05S03W21BSS1	34.25294	-91.343044	3/31/2015	113.7						113.4			-0.30
Arkansas	05S03W22ABB1	34.25304	-91.324861	3/31/2015	122.15						110.9			-11.25
Arkansas	05S04W07CCC1	341555.4	912931.61	3/31/2015	73.55	176.4	102.9	58.30	73.83	72.85	74.45	0.28	-0.70	0.90
Arkansas	05S04W32BBA1	341316	912821.81	3/31/2015	55.41	173.0	117.6	67.97	57.21	56.56	59.13	1.80	1.15	3.72
Arkansas	06S02W23DCD1	340852.6	911206.48	4/6/2015	59.06	170.0	110.9	65.26	62.65	63.46	50.5	3.59	4.40	-8.56
Arkansas	06S03W10BBA1	341136	911953.82	3/31/2015	82.06	178.1	96.0	53.92	86.65	77.27	81.5	4.59	-4.79	-0.56
Arkansas	06S03W27AAA1	340857.6	911912.78	4/6/2015	66.0	173.1	107.1	61.87	68.11	61.49	66.7	2.11	-4.51	0.70
Arkansas	06S03W32DDD1	34.12778	-91.354167	2/4/2015	55.54					54.24	56.38		-1.30	0.84
Arkansas	07S02W04BBB1	34.11865	-91.247747	4/6/2015	47.78					39.05	36.00		-8.73	-11.78
Arkansas	07S03W18CCD1	340435.3	912316.09	4/6/2015	40.05	142.1	102.1	71.82	42.48	39.66	44.00	2.43	-0.39	3.95
Arkansas	07S03W32BBC1	340240	912216	4/6/2015	23.9	154.1	130.2	84.49	24.26	23.17	24.81	0.36	-0.73	0.91
Arkansas	08S03WT2299	340147.5	912202.5	4/6/2015	22.22	162.1	139.9	86.29	24.66	20.34	21.00	2.44	-1.88	-1.22
							Avg % Saturat	47.09	Declines/ Wells			6/22	24/27	14/26
									Average Change			1.17	-2.08	-1.72
Ashley	15S07W21CBA1	332315.7	915001.37	2/27/2015	4.05				3.84	4.24	4.70	-0.21	0.19	0.65
Ashley	16S06W25DDD1	331640	913958	2/27/2015	79.98				80.66	78.17		0.68	-1.81	
Ashley	16S06W27BAB1	331729	914240	3/4/2015	85.8				86.75	83.45	83.55	0.95	-2.35	-2.25
Ashley	17S04W03ABB1	331528	913010	3/3/2015	34.3	159.9	125.6	78.55	35.91	27.31	25.45	1.61	-6.99	-8.85
Ashley	17S04W15DDC1	331252.5	912954.09	3/3/2015	30.6	187.9	157.3	83.71	32.25	26.47	18.4	1.65	-4.13	-12.20
Ashley	17S04W21ABA1	331252	913108	3/3/2015	25.45	188.2	162.75	86.48	28.44	21.87	17.7	2.99	-3.58	-7.75

Alluvial Aquifer WL Change

2015,2014,2010,2005

County	Station ID	Latitude	Longitude	Date	15 DTW	Aq Thickness	Saturated ft	% Saturated	14 DTW	2010 DTW	2005 DTW	14-15 Change	10 - 15 Change	05 - 15 Change
Ashley	17S06W35CAC1	33.1804	-91.693459	3/4/2015	73.0					72.27	72.3		-0.73	-0.70
Ashley	18S08W01AAB1	331015	915225.12	3/4/2015	90.12				85.46	84.92	86.55	-4.66	-5.20	-3.57
Ashley	18S08W28DDD2	330624.8	915528.46	4/1/2015	84.4				84.8	85.17	85.2	0.40	0.77	0.80
Ashley	19S06W07BCC1	330403.6	914607.92	3/4/2015	31.0				31.45	29.95	27.35	0.45	-1.05	-3.65
							Avg % Saturat	82.91	Declines/ Wells			2/9	8/10	7/9
									Average Change			0.43	-2.49	-4.17
Chicot	13S03W35BAC1	333154.1	912245.53	2/26/2015	44.7	80.5	35.8	44.47	44.27	40.92	38.8	-0.43	-3.78	-5.90
Chicot	14S03W07BBD1	333011.1	912620	3/3/2015	36.52	90.5	53.98	59.65	32.6	26.45	24.81	-3.92	-10.07	-11.71
Chicot	15S02W20DDC1	332226.6	911919.83	3/3/2015	36.7	104.2	67.5	64.78	33.07	27.64	28.2	-3.63	-9.06	-8.50
Chicot	16S03W15DAD1	331818	912334	3/3/2015	33.34	108.3	74.96	69.22	33.46	31.75		0.12	-1.59	
Chicot	18S03W22ABA2	330728	912341	2/26/2015	14.62	146.0	131.38	89.99	14.57	10.22	11.6	-0.05	-4.40	-3.02
Chicot	19S01W17BBC1	33.04732	-91.235067	3/3/2015	12.7					19.24			6.54	
							Avg % Saturat	65.62	Declines/ Wells			4/5	5/6	4/4
									Average Change			-1.58	-3.73	-7.28
Clay	18N08E03DAB1	361323.2	901153.03	5/4/2015	5.9	129.2	123.3	95.43	5.36	6.19	7.3	-0.54	0.29	1.40
Clay	18N08E11BAA1	361253	901117	5/15/2015	6.8				6.9		6.6	0.10		-0.20
Clay	19N04E19BAA1	361649	904125	5/13/2015	24.2	138.3	114.1	82.50	26.6		21.0	2.40		-3.20
Clay	19N05E15BBD1	361716	903152	5/13/2015	47.1	130.0	82.9	63.77	40.5		32.6	-6.60		-14.50
Clay	19N06E18DBC1	361642	902815	5/15/2015	44.0				43.6		32.2	-0.40		-11.80
Clay	20N03E25BAA1	362112	904225	5/13/2015	23.7	141.4	117.7	83.24	24.5		20.5	0.80		-3.20
Clay	20N04E06BB1	362444.3	904131.25	5/13/2015	21.1	137.0	115.9	84.60	21.23		18.05	0.13		-3.05
Clay	20N05E30CAC1	362003	903454	5/13/2015	20.6	124.9	104.3	83.51	20.8		16.8	0.20		-3.80
Clay	20N09E33DDC1	361904	900628	5/15/2015	6.1	106.7	100.6	94.28	6.8		6.6	0.70		0.50
Clay	21N03E15CBC1	362738	904453	5/13/2015	12.4	142.6	130.2	91.30	11.0		12.0	-1.40		-0.40
Clay	21N05E22BAB1	362704	903132	5/13/2015	8.1				9.1		6.5	1.00		-1.60
Clay	21N06E28BB1	362604.9	902607.97	5/4/2015	20.7	105.7	85	80.42	20.2	16.87	17.0	-0.50	-3.83	-3.70
Clay	21N07E01DDC1	36.47645	-90.268713	5/15/2015	24.4						18.5			-5.90
Clay	21N08E18CCC1	362650.9	901550.33	5/5/2015	41.2	111.9	70.7	63.18	43.71	31.66	31.5	2.51	-9.54	-9.70
Clay	21N09E31BDA1	362447	900851	5/13/2015	4.3	71.3	67	93.97	5.0		5.7	0.70		1.40
Clay	19N03E24AAA1	361655	904157.11	5/4/2015	21.6				20.94	19.84	19.80	-0.66	-1.76	-1.80
Clay	19N04E19AAA1	361654.4	904049.99	5/4/2015	32.5				32.06	30.15	29.0	-0.44	-2.35	-3.50
Clay	19N07E25BCB1	361519	901700	5/15/2015	15.0				19.0		16.3	4.00		1.30
Clay	19N08E08DCA1	361729	901402	5/15/2015	2.9				6.0		7.7	3.10		4.80
Clay	19N09E19CDC1	361539	900908	5/15/2015	5.8				7.1			1.30		
Clay	20N04E03ADA1	362425	903725	5/13/2015	15.4				19.2			3.80		
Clay	20N05E22CAD1	362118	903132	5/13/2015	33.2				34.3		27.10	1.10		-6.10

Alluvial Aquifer WL Change

2015,2014,2010,2005

County	Station ID	Latitude	Longitude	Date	15 DTW	Aq Thickness	Saturated ft	% Saturated	14 DTW	2010 DTW	2005 DTW	14-15 Change	10 - 15 Change	05 - 15 Change
Clay	20N05E34DBA1	361939.3	903117.17	5/4/2015	34.3				33.91	30.09	27.75	-0.39	-4.21	-6.55
Clay	20N06E09BBA1	362327	902620	5/15/2015	24.6				24.6		19.60	0.00		-5.00
Clay	20N08E22BDC1	362111	901220	5/15/2015	7.7				9.8		7.90	2.10		0.20
Clay	20N09E09ABC1	362306	900642	5/13/2015	7.6				4.3		7.5	-3.30		-0.10
Clay	21N03E36CDD1	362450	904214	5/13/2015	20.3				22.8		17.60	2.50		-2.70
Clay	21N04E09DBC1	362828	903853	5/13/2015	12.5				15.1		10.80	2.60		-1.70
Clay	21N08E03CDB1	362848	901217	5/15/2015	20.0				25.6		18.80	5.60		-1.20
							Avg % Saturate	83.29	Declines/ Wells			9/28	5/6	21/27
									Average Change			0.73	-3.57	-2.97
Craighead	13N01E23CAB1	354430	905736	7/17/2015	70.6	92.7	22.1	23.84	70.8			0.20		
Craighead	13N04E12ABB1	354635	903656	4/27/2015	25.8	108.0	82.2	76.11	27.0	23.0	21.9	1.20	-2.80	-3.90
Craighead	13N05E22BAD1	354449	903243	4/27/2015	14.85				14.28	11.8	11.6	-0.57	-3.05	-3.25
Craighead	13N05E24BAC1	354451	903045	4/17/2015	13.0				12.8		8.3	-0.20		-4.70
Craighead	13N06E21AAA1	354450	902701	4/17/2015	14.0				13.8			-0.20		
Craighead	13N07E02CAB1	354642	901901	4/17/2015	6.4				6.1		4.7	-0.30		-1.70
Craighead	13N07E05ABB1	354716	902158	4/17/2015	12.1				11.5		5.50	-0.60		-6.60
Craighead	14N01E10BAB1	355204	905828	4/10/2015	58.0	100.8	42.8	42.46	58.5		50.5	0.50		-7.50
Craighead	14N01E20DA1	35.83035	-91.002899	4/17/2015	59.0									
Craighead	14N02E27AAA1	354915.7	905124.5	4/22/2015	85.74	106.9	21.16	19.79	86.37	81.24	76.35	0.63	-4.50	-9.39
Craighead	14N06E06BAA1	355234	902934	4/17/2015	21.4				23.3		19.2	1.90		-2.20
Craighead	14N06E27AAB1	354911.5	902559.08	4/27/2015	1.56	96.0	94.44	98.38	0.97	1.59	1.50	-0.59	0.03	-0.06
Craighead	15N05E22BAB1	355513	903241	4/17/2015	38.0				37.5		34.5	-0.50		-3.50
Craighead	15N06E04BAD1	355744	902706	4/10/2015	18.0	77.9	59.9	76.89	18.0		10.5	0.00		-7.50
Craighead	13N03E28CDB1	354322	904652	4/17/2015	119.5				117.0		101.70	-2.50		-17.80
Craighead	13N03E29AAA1	354403.3	904712.98	4/28/2015	115.3				117.68	107.5	102.20	2.38	-7.83	-13.10
Craighead	13N04E15DBA1	354521	903857	4/10/2015	26.5				27.3		24.0	0.80		-2.50
Craighead	13N04E26BCC1	354340	903829	4/17/2015	26.3				27.5		25.60	1.20		-0.70
Craighead	13N05E02CCC1	354648	903202	4/17/2015	18.0				17.9		11.90	-0.10		-6.10
Craighead	13N05E06DCC1	354637	903547	4/10/2015	27.0				26.0		18.5	-1.00		-8.50
Craighead	14N01E03ACB1	355246	905816	4/17/2015	55.5				55.9		49.50	0.40		-6.00
Craighead	14N01E31DCA1	354817	910121	4/17/2015	65.7				66.0		60.0	0.30		-5.70
Craighead	14N02E22AAA1	355007	905129	4/10/2015	75.0				76.5			1.50		
Craighead	14N07E14DDC1	354956	901831	4/17/2015	13.4				13.2		3.50	-0.20		-9.90
Craighead	15N02E12DCB1	355626	904930	4/10/2015	36.3				36.5		32.0	0.20		-4.30
Craighead	15N03E19ADA1	355502.2	904802.05	4/28/2015	53.2				55.0		48.0	1.80		-5.20
Craighead	15N07E35DCB1	355241	901831	4/17/2015	13.9				12.4		11.0	-1.50		-2.90
							Avg % Saturate	60.80	Declines/ Wells			12/26	4/5	23/23
									Average Change			0.18	-3.63	-5.78

Alluvial Aquifer WL Change

2015,2014,2010,2005

County	Station ID	Latitude	Longitude	Date	15 DTW	Aq Thickness	Saturated ft	% Saturated	14 DTW	2010 DTW	2005 DTW	14-15 Change	10 - 15 Change	05 - 15 Change
Crittenden	05N07E34BAB1	35.0165	-90.341628	4/8/2015	14.25					13.54	10.8		-0.71	-3.45
Crittenden	05N07E28CBA	35.02259	-90.361069	4/8/2015	18.7					13.56	13.5		-5.14	-5.20
Crittenden	06N07E13BAA1	350849.6	901807.57	4/9/2015	22.5				21.48	18.37	17.4	-1.02	-4.13	-5.10
Crittenden	07N07E05DAD1	351504	902129	4/9/2015	32.1	144.6	112.5	77.80	31.51	30.12	28.05	-0.59	-1.98	-4.05
Crittenden	07N07E31CCC1	351041.9	902358.97	4/9/2015	37.1	138.2	101.1	73.15	36.87	34.12		-0.23	-2.98	
Crittenden	07N09E05CDD1	351453.3	900933.58	4/9/2015	8.4	117.0	108.6	92.82	10.27	11.89	6.90	1.87	3.49	-1.50
Crittenden	08N07E13CCC2	351828.3	901811.95	4/9/2015	30.3	137.1	106.8	77.90	35.86	31.25	28.4	5.56	0.95	-1.90
Crittenden	08N07E35BCB1	351630	901933	4/28/2015	33.17	147.6	114.43	77.53	33.07	31.34		-0.10	-1.83	
Crittenden	09N07E10DDA1	352447.6	901924.64	4/9/2015	30.04	123.7	93.66	75.72	29.18	29.05	28.5	-0.86	-0.99	-1.54
Crittenden	09N08E35BBD2	35.36192	-90.213892	4/28/2015	14.29						12.87			-1.42
							Avg % Saturat	76.55	Declines/ Wells			5/7	7/9	8/8
									Average Change			0.66	-1.48	-3.02
Cross	06N02E11BDB1	350934	905132	5/15/2015	69.5				68.0			-1.50		
Cross	06N05E05AAA1	351042	903432	5/6/2015	42.0				42.0			0.00		
Cross	07N01E06CAA1	351547.5	910134.5	5/6/2015	78.0				77.74			-0.26		
Cross	07N01E11AAA1	351501.3	905705.29	4/14/2015	83.61				82.13	78.92	75.4	-1.48	-4.69	-8.21
Cross	07N02E02CDD1	351508	905113	4/14/2015	86.55	156.1	69.55	44.55	85.63	83.33	80.57	-0.92	-3.22	-5.98
Cross	07N02E12BBC1	351447	905040	5/15/2015	81.8				82.8			1.00		
Cross	07N02E29CCC1	351142	905152	5/15/2015	75.0				75.0	73.13		0.00	-1.87	
Cross	07N02E29DDC1	351138.1	905409.17	4/14/2015	76.85	152.8	75.95	49.71	76.18	73.13	71.0	-0.67	-3.72	-5.85
Cross	07N03E32DCC1	351045.3	904810.28	4/14/2015	103.99				101.84	97.07	96.7	-2.15	-6.92	-7.29
Cross	07N04E03BDA1	351546	903925	5/6/2015	31.8				32.6			0.80		
Cross	07N04E27BDA1	351220	903926	5/6/2015	27.0				27.8			0.80		
Cross	07N05E02AAB1	351600	903103	5/6/2015	43.7				43.0			-0.70		
Cross	07N05E16ACA1	351358	903352	5/6/2015	36.0				36.0			0.00		
Cross	07N05E25ABA1	351228.9	903044.79	4/21/2015	39.68				37.94	38.5	36.10	-1.74	-1.18	-3.58
Cross	08N01E16DBB1	351855	905933	5/5/2015	90.5				92.3		87.0	1.80		-3.50
Cross	08N05E17CAA1	351904	903508	5/15/2015	32.0				32.8			0.80		
Cross	08N05E32ADD1	351631.7	903440.45	4/21/2015	31.81	142.0	110.19	77.60	27.68	29.38	26.6	-4.13	-2.43	-5.21
Cross	09N01E04ACD1	352608	905914	5/6/2015	94.2				92.5			-1.70		
Cross	09N01E12CBB1	352505	905653	4/21/2015	98.55	148.7	50.15	33.73	97.62	94.86		-0.93	-3.69	
Cross	09N01E36AAB1	352155	905605	5/6/2015	96.0				93.7		82.0	-2.30		-14.00
Cross	09N02E32BBB1	352213	905444	5/6/2015	97.5				96.0			-1.50		
Cross	09N04E01AAC1	352622	903648	6/6/2015	16.5				16.3			-0.20		
Cross	09N05E32BCB1	352151	903525	5/15/2015	30.0				30.6			0.60		
Cross	09N05E32BDB1	352150.5	903512.11	4/21/2015	29.15	125.7	96.55	76.81	28.56	30.30	30.70	-0.59	1.15	1.55
Cross	07N01E05CDA1	351517.5	910049.05	4/14/2015	79.38				79.23	75.84	72.5	-0.15	-3.54	-6.88
Cross	07N01E33BBA1	351134	910010	5/15/2015	72.5				72.1		72.0	-0.40		-0.50
Cross	07N03E05AAD1	351558	904737	5/6/2015	108.0				106.5			-1.50		

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County	Station ID	Latitude	Longitude	Date	15 DTW	Aq Thickness	Saturated ft	% Saturated	14 DTW	2010 DTW	2005 DTW	14-15 Change	10 - 15 Change	05 - 15 Change
Cross	07N03E05ADA1	351548.9	904738.6	4/14/2015	114.7				114.19	111.9	110.8	-0.51	-2.76	-3.90
Cross	08N01E02CDD1	352023	905736	5/6/2015	93.0				93.3			0.30		
Cross	08N01E17CAD1	351852	910046	5/5/2015	79.5				77.6			-1.90		
Cross	08N02E17AAA1	351923	905354	5/6/2015	99.5				95.0		80.0	-4.50		-19.50
Cross	09N01E33BBA2	352202.8	910000.6	4/21/2015	88.23				87.46	84.11	79.8	-0.77	-4.12	-8.43
Cross	09N02E20AAA1	352402	905342	5/5/2015	98.3				97.2		89.0	-1.10		-9.30
Cross	09N02E30CBB1	352243	905551	5/6/2015	91.0				90.0		86.0	-1.00		-5.00
Cross	09N03E03ACA1	352630	904529	5/5/2015	110.3				106.7			-3.60		
Cross	09N03E17DDC1	352408.8	904725.6	4/21/2015	121.98				111.73	107.0	105.9	-10.25	-14.98	-16.08
							Avg % Saturat	59.80		Declines/ Wells		26/36	12/13	16/17
										Average Change		-1.12	-4.00	-7.16
Desha	07S01E19ABA	34.07455	-91050944	5/5/2015	10.5						10.6			0.10
Desha	08S03W33ABD1	33.96748	-91.393939	5/6/2015	8.21					5.35	4.84		-2.86	-3.37
Desha	09S02W26DDC1	335256.6	911529.64	3/12/2015	33.82	138.8	104.98	75.63	33.76	26.57	28.73	-0.06	-7.25	-5.09
Desha	09S03W17DCB1	33.9134	-91.415739	3/3/2015	38.22					34.56	32.58		-3.66	-5.64
Desha	10S02W20ADA1	33.82111	-91.306944	3/11/2015	42.32					40.05			-2.27	
Desha	10S04W12CCB1	335048	912754	3/11/2015	38.0				37.76		31.5	-0.24		-6.50
Desha	13S02W27CAC1	33.53999	-91.292989	3/11/2015	33.95					30.06	29.70		-3.89	-4.25
							Avg % Saturat	68.43		Declines/ Wells		2/2	5/5	5/6
										Average Change		-0.15	-3.99	-4.13
Drew	11S04W35CDD1	334144	912842	4/27/2015	32.31		-32.31	#DIV/0!		24.94	24.56		-7.37	-7.75
Drew	11S05W08CCC1	334546.5	913837.16	3/10/2015	26.2	118.3	92.1	77.85	39.39	36.37	35.3	13.19	10.17	9.10
Drew	12S04W03ABB1	334133.9	912946.13	3/10/2015	29.6	149.2	119.6	80.16	29.87	22.2	22.4	0.27	-7.40	-7.20
Drew	13S04W33BAA1	33.53513	-91.51675	3/11/2015	23.25					17.27	15.7		-5.98	-7.55
							Avg % Saturat	66.14		Declines/ Wells		0/2	3/4	3/4
										Average Change		6.73	-2.65	-3.35
Greene	16N03E03BA1	360315.9	904515.85	4/28/2015	34.89				37.85	32.53	28.8	2.96	-2.36	-6.09
Greene	16N03E16DDD1	360049	904547	4/27/2015	37.0	120.1	83.1	69.19	36.80		31.60	-0.20		-5.40
Greene	16N03E20CDA1	355957	904742	4/27/2015	37.5	112.7	75.2	66.73	37.2			-0.30		
Greene	16N06E28ABB1	355938.3	902657.01	5/4/2015	29.65				32.46	22.36	22.4	2.81	-7.29	-7.25
Greene	17N03E02DCC1	360806	904352	4/27/2015	38.3	83.2	44.9	53.97	38.3		31.30	0.00		-7.00
Greene	17N03E32CDC1	360317	904735	4/27/2015	36.1	137.4	101.3	73.73	36.9			0.80		
Greene	17N03E35CB1	360347	904437	4/27/2015	39.6				39.1			-0.50		

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County	Station ID	Latitude	Longitude	Date	15 DTW	Aq Thickness	Saturated ft	% Saturated	14 DTW	2010 DTW	2005 DTW	14-15 Change	10 - 15 Change	05 - 15 Change
Greene	17N04E07AD1	360718	904122	4/27/2015	47.7	120.7	73	60.48	46.8			-0.90		
Greene	17N04E28DAA1	360431	903917	4/28/2015	90.89	132.6	41.71	31.46	94.38	88.53		3.49	-2.36	
Greene	17N06E15ABC1	360631	902546	4/27/2015	35.2				32.1		24.1	-3.10		-11.10
Greene	17N07E01BBA1	360832	901724	4/24/2015	4.6	106.1	101.5	95.66	5.4			0.80		
Greene	17N07E28CBA1	360424	902045	4/24/2015	4.30	125.6	121.3	96.58	5.0			0.70		
Greene	18N03E24ACA1	361119	904216	4/27/2015	35.6	103.2	67.6	65.50	35.9		35.2	0.30		-0.40
Greene	18N04E04AAC1	361356	903854	4/27/2015	35.2	136.0	100.8	74.12	34.2		32.0	-1.00		-3.20
Greene	18N06E23ABB1	361109	902402	4/27/2015	14.0				16.0			2.00		
Greene	18N07E05DAB1	361316	902024.5	4/27/2015	14.5	128.9	114.4	88.75	16.8			2.30		
Greene	18N07E20BBA1	361110.4	902113.23	5/4/2015	9.95				9.89	2.08	5.50	-0.06	-7.87	-4.45
Greene	19N03E33DDD1	361418	904516	4/27/2015	37.7	109.8	72.1	65.66	38.2		34.5	0.50		-3.20
Greene	19N03E26AD	36.26687	-90.716231	4/28/2015	30.5					28.51	27.64		-1.99	-2.86
Greene	16N06E03CCC1	360224.1	902625.9	5/4/2015	68.5				65.67	60.54		-2.83	-7.96	
Greene	16N06E21BAA1	360031	902705	4/24/2015	32.4				32.6		23.8	0.20		-8.60
Greene	17N07E03CCC1	360744	901951	4/24/2015	4.60				5.2		5.9	0.60		1.30
Greene	18N07E17BAB1	361203	902105	4/27/2015	9.30				12.3		6.60	3.00		-2.70
							Avg % Saturat	68.81	Declines/ Wells			8/22	6/6	12/13
									Average Change			0.53	-4.97	-4.69
ndependenc	11N04W22BBA	35.56917	-91.418333	3/24/2015	6.8									
ndependenc	12N04W14DD1	353929.4	912236.26	4/28/2015	22.53	124.4	101.87	81.89	18.81	16.54	16.0	-3.72	-5.99	-6.53
ndependenc	12N05W36AAA	35.62723	-91.474228	4/28/2015	20.12						20.90			0.78
ndependenc	12N04W34CBB1	353720.1	912512.5	4/28/2015	17.62	128.2	110.58	86.26	15.07	13.64	19.1	-2.55	-3.98	1.48
ndependenc	12N04W35CCB	35.61952	-91.395965	3/24/2015	3.1									
ndependenc	14N03W14CB2	35.85139	-91.283333	3/24/2015	2.1									
ndependenc	14N03W14DBB1	355106	911640.42	4/28/2015	1.58				1.57	0.50	3.60	-0.01	-1.08	2.02
							Avg % Saturat	86.56	Declines/ Wells			3/3	3/3	1/4
									Average Change			-2.09	-3.68	-0.56
Jackson	11N01W11CBB1	353550	910428	4/15/2015	57.48				56.8			-0.68		
Jackson	11N03W05CAB1	353655	912008	3/26/2015	8.0				9.48			1.48		
Jackson	11N03W06DAB1	353655.1	912008.5	4/15/2015	8.01	127.2	119.19			20.8	15.3		12.79	7.29
Jackson	13N03W35AA1	354329	911612	3/26/2015	11.0									
Jackson	14N01W09AAA1	355220.4	910515.16	4/15/2015	47.38	114.1	66.72	58.48		42.7	39.40		-4.68	-7.98
Jackson	09N02W32BBB1	352215	911344	3/26/2015	32.6				32.3			-0.30		
Jackson	09N02W32CBB1	352151.8	911347.79	4/14/2015	31.71				29.64	26.95	29.0	-2.07	-4.76	-2.71
Jackson	10N02W29ABB1	352828.7	911311.86	4/14/2015	27.45				27.82	23.54		0.37	-3.91	
Jackson	11N01W26AAD1	353329.8	910323.21	3/26/2015	72.7				72.1	68.95	71.30	-0.60	-3.75	-1.40
Jackson	12N01W11BCB1	354127	910416	3/26/2015	42.0				40.9		37.40	-1.10		-4.60

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County	Station ID	Latitude	Longitude	Date	15 DTW	Aq Thickness	Saturated ft	% Saturated	14 DTW	2010 DTW	2005 DTW	14-15 Change	10 - 15 Change	05 - 15 Change
Jackson	12N04W10BBC	35.68528	-91.399167	3/24/2015	24.7									
Jackson	13N01W20AAA1	354514.1	910627.47	4/15/2015	42.2				41.56	40.16	39.2	-0.64	-2.04	-3.00
Jackson	14N02W22BBC1	355026	911145	3/26/2015	27.1				28.3		25.80	1.20		-1.30
							Avg % Saturate	95.33	Declines/ Wells			6/9	5/6	6/7
									Average Change			-0.26	-1.06	-1.96
Jefferson	03S09W29CBD1	342516.8	920023.32	3/17/2015	28.93	114.2	85.27	74.67	29.22	24.79	27.20	0.29	-4.14	-1.73
Jefferson	04S08W13DCB1	342122.9	914926.45	4/27/2015	41.7				48.04	46.96	40.80	6.34	5.26	-0.90
Jefferson	05S06W31CAA1	34.22498	-91.701694	3/18/2015	16.9					9.94	15.80		-6.96	-1.10
Jefferson	06S06W23AAD	34.16854	-91.620056	3/18/2015	19.3					11.93	17.60		-7.37	-1.70
Jefferson	06S05W15BCA1	341023	913245	4/27/2015	16.91	133.9	116.99	87.37	18.24	12.14	17.70	1.33	-4.77	0.79
Jefferson	06S07W14BAA	34.19027	-91.740481	3/18/2015	15.95					7.62			-8.33	
Jefferson	07S08W06BAA1	340858.5	915647.26	3/17/2015	20.58	116.7	96.12	82.37	20.45	17.59	16.0	-0.13	-2.99	-4.58
							Avg % Saturate	78.20	Declines/ Wells			1/4	6/7	5/6
									Average Change			1.96	-4.19	-1.54
Lawrence	15N01E09ABD	35.95389	-90.893333	4/28/2015	60.77					56.4			-4.37	
Lawrence	15N01E26DDA1	355401.9	905639.34	4/28/2015	55.42	106.2	50.78	47.82	57.13	52.84	49.60	1.71	-2.58	-5.82
Lawrence	15N01E32BAA	35.89778	-91.0075	4/28/2015	58.78					54.17			-4.61	
Lawrence	15N01W35CBB1	355336.2	910356.33	4/28/2015	52.25	111.8	59.55	53.26	50.73	46.99	43.70	-1.52	-5.26	-8.55
Lawrence	17N02E25CBD1	360423	904948	4/1/2015	41.2	131.9	90.7	68.76	41.0		37.40	-0.20		-3.80
Lawerence	16N01W30DDC1	355936.9	910723.26	4/1/2015	20.0				20.0		21.50	0.00		1.50
Lawerence	17N01E02BBA1	360901	905707	4/1/2015	18.5				17.6		12.9	-0.90		-5.60
Lawerence	17N02E04DCA1	360758	905224	4/1/2015	39.0				42.0		39.4	3.00		0.40
Lawerence	17N02E19CDC1	360515.9	905449.43	4/28/2015	39.98				46.4		38.20	6.42		-1.78
							Avg % Saturate	56.83	Declines/ Wells			3/7	4/4	5/7
									Average Change			1.22	-4.21	-3.38
Lee	01N01E04ABB	34.73288	-91.004285	5/22/2015	48.0						20.0			-28.00
Lee	01N01E09CCC	34.70426	-91.015119	5/22/2015	39.5						26.5			-13.00
Lee	01N01E24CBD	34.67593	-90.958172	5/22/2015	19.3						9.30			-10.00
Lee	01N02E11BAB	34.71538	-90.869003	5/22/2015	45.0									
Lee	01N02E12ABB	34.7151	-90.844558	5/22/2015	38.0						18.00			-20.00
Lee	01N02E22CBA	34.68232	-90.888488	5/22/2015	32.0						18.5			-13.50

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County	Station ID	Latitude	Longitude	Date	15 DTW	Aq Thickness	Saturated ft	% Saturated	14 DTW	2010 DTW	2005 DTW	14-15 Change	10 - 15 Change	05 - 15 Change
Lee	01N02E33CCB	34.64.7598	-90.909282	5/22/2015	13.0						8.0			-5.00
Lee	01N02E33CBB	34.64.9543	-90.90956	5/22/2015	15.0						9.0			-6.00
Lee	02M01E21BAA	34.77593	-91.001508	5/22/2015	35.0						39.0			4.00
Lee	02N01W34DDC	34.73621	-91.08901	5/22/2015	55.0						47.0			-8.00
Lee	02N02E08ADC1	344807.3	905338.75	4/1/2015	44.6	151.8	107.2	70.62	49.3	44.44	42.5	4.70	-0.16	-2.10
Lee	02N02E36DDC	34.73204	-90.839003	5/22/2015	36.5									
Lee	02N03E09DDD	34.78982	-90.78539	5/22/2015	51.0						42.0			-9.00
Lee	02N03E29CAD	34.7501	-90.812891	5/22/2015	59.0						30.0			-29.00
Lee	02N04E15DAC1	344636.7	903950.39	4/28/2015	20.05				19.82	18.57	16.30	-0.23	-1.48	-3.75
Lee	03N01E15CCB1	345206	905947	4/28/2015	69.51				68.55	64.44		-0.96	-5.07	
Lee	03N01E32BCC	34.83093	-91.030675	5/22/2015	71.0						62.0			-9.00
Lee	03N02E12CDC	34.87759	-91	5/22/2015	59.5						44.0			-15.50
Lee	03N02E13BBA1	345237.4	905107.32	4/1/2015	52.3	159.5	107.2	67.21	52.74	51.17	47.5	0.44	-1.13	-4.80
Lee	03N03E05CDD	34.89093	-90.81039	5/22/2015	59.0						45.0			-14.00
Lee	03N03E32CAB1	344932.7	904926.23	4/1/2015	50.69	151.2	100.51	66.47	51.48	46.72	45.5	0.79	-3.97	-5.19
Lee	03N04E07CBB	34.87926	-90.72011	5/22/2015	28.5						25.0			-3.50
Lee	03N05E14DDA1	345148.1	903203.25	4/1/2015	13.1	149.3	136.2	91.23	13.29	13.71	11.2	0.19	0.61	-1.90
Lee	03N05E26ADC	34.83896	-90.537604	5/22/2015	7.0						4.0			-3.00
Lee	01N03E35BBA1	343923	904549	4/1/2015	18.1				23.07	5.42		4.97	-12.68	
Lee	02N01E23BAA2	344631.7	905820.4	4/1/2015	57.2				56.86		49.30	-0.34		-7.90
						Avg % Saturat		72.88	Declines/ Wells			3/8	6/7	21/22
									Average Change			1.20	-3.41	-9.46
Lincoln	08S04W08BBB2	34.04831	-91.516878	4/8/2015	19.66					22.12	29.0		2.46	9.34
Lincoln	08S04W31CBA	33.98364	-91.530469	4/8/2015	36.5					34.0	33.05		-2.50	-3.45
Lincoln	08S06W05DDD	34.05023	-91.817422	4/8/2015	31.59					29.5	29.0		-2.09	-2.59
Lincoln	09S05W14ABC1	335553	913439.08	4/8/2015	45.83	152.8	106.97	70.01	43.39	38.49	37.2	-2.44	-7.34	-8.63
Lincoln	09S05W17BCB	33.931	-91.638875	4/8/2015	41.6					42.29	36.5		0.69	-5.10
Lincoln	09S06W04BCD1	335821.4	914345.83	4/8/2015	45.57	123.0	77.43	62.95	44.87	39.43	40.1	-0.70	-6.14	-5.47
Lincoln	10S05W05BCB	33.87444	-91.6425	4/6/2015	30.06					24.52	25.3		-5.54	-4.76
Lincoln	10S05W06DCC1	335155.3	913907.96	4/6/2015	30.0	140.9	110.9	78.71	31.39	26.16	26.15	1.39	-3.84	-3.85
						Avg % Saturat		73.04	Declines/ Wells			2/3	6/8	7/8
									Average Change			-0.58	-3.04	-3.06

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County	Station ID	Latitude	Longitude	Date	15 DTW	Aq Thickness	Saturated ft	% Saturated	14 DTW	2010 DTW	2005 DTW	14-15 Change	10 - 15 Change	05 - 15 Change
Lonoke	01N07W27AAD1	344103.5	914410.4	5/5/2015	132.5	139.8	7.3	5.22	135.69		128.65	3.19		-3.85
Lonoke	01N08W26CCB1	344034.6	915043.43	5/5/2015	107.39	111.9	4.51	4.03	107.55		103.0	0.16		-4.39
Lonoke	01N09W13DAB1	344235.2	915517.01	5/5/2015	86.32	102.2	15.88	15.54	86.72	86.82	87.5	0.40	0.50	1.18
Lonoke	01S06W31ABB1	343459.4	914131.48	5/5/2015	81.01	121.1	40.09	33.10	81.82	78.43	78.35	0.81	-2.58	-2.66
Lonoke	01S07W12BCB1	34.63883	-91.718975	5/5/2015	85.75									
Lonoke	01S07W19DDB1	343609	914746	2/4/2015	91.18	116.0	24.82	21.40	89.66	86.59		-1.52	-4.59	
Lonoke	01S08W24CDD1	343605.6	914912.37	5/5/2015	84.85	117.9	33.05	28.03	86.5	82.56	80.75	1.65	-2.29	-4.10
Lonoke	01S09W36CCC1	343435.3	915618.98	5/5/2015	64.71	115.5	50.79	43.97	65.52	61.48	61.94	0.81	-3.23	-2.77
Lonoke	01S10W01ACB1	343926.8	920214.96	5/5/2015	43.41	119.5	76.09	63.67	44.39	44.34	39.2	0.98	0.93	-4.21
Lonoke	01S10W11BBD	34.73233	-92.056333	5/5/2015	25.11						28.80			3.69
Lonoke	01S10W11CAB1	343841	920337	2/4/2015	29.92	115.5	85.58	74.10	30.25	26.0	30.17	0.33	-3.92	0.25
Lonoke	02N08W16ABC1	344806.5	915113.61	5/5/2015	127.35	143.2	15.85	11.07	130.98	124.94	118.1	3.63	-2.41	-9.25
Lonoke	02N08W27DCC	344543	915106	2/4/2015	134.65				133.48	132.6		-1.17	-2.06	
Lonoke	02N10W23BCA1	344725.3	920322.15	5/5/2015	12.45	134.0	121.55	90.71	12.78		6.20	0.33		-6.25
Lonoke	02S07W10CCB1	343246.5	914524.67	5/5/2015	66.4				66.25	61.98	62.3	-0.15	-4.42	-4.10
Lonoke	02S08W06BAA1	343430	915447	2/4/2015	70.09				71.15	66.16	66.69	1.06	-3.93	-3.40
Lonoke	02S08W28CDC1	343007	915237	2/4/2015	64.95				65.61	60.88	59.68	0.66	-4.07	-5.27
Lonoke	02S08W34DBB1	343003	915149.75	5/5/2015	67.0				68.27	66.44	64.01	1.27	-0.56	-2.99
Lonoke	02N09W02BDB	34.83196	-91.978036	5/5/2015	110.28						119.7			9.42
Lonoke	02N09W18DAA	34.79867	-92.006	5/5/2015	81.35						86.50			5.15
Lonoke	02N09W18DAD2	34.79835	-92.005631	5/5/2015	82.06						81.89			-0.17
Lonoke	02N09W18DAD3	34.79837	-91.003131	5/5/2015	82.7						85.53			2.83
Lonoke	02N09W17CBC	34.79802	-92.002839	5/5/2015	80.09						84.72			4.63
Lonoke	03N08W21BCC1	345220.2	915220.21	5/5/2015	109.35				109.33		104.0	-0.02		-5.35
Lonoke	04N08W15BCB2	345832.9	915121.25	5/5/2015	35.65	148.3	112.65	75.96	35.84	33.41	32.2	0.19	-2.24	-3.45
							Avg % Saturate	42.28	Declines/ Wells			4/18	12/14	15/22
									Average Change			0.70	-2.49	-1.59
Mississippi	10N08E22ABA2	352850.9	901312.16	4/27/2015	27.93	152.1	124.17	81.64	25.66	24.09	22.60	-2.27	-3.84	-5.33
Mississippi	11N09E34BBB1	353217.7	900715.17	4/27/2015	19.2	190.2	171	89.91	19.17	14.07	12.90	-0.03	-5.13	-6.30
Mississippi	12N08E08BCB1	354047.1	901559.25	4/27/2015	9.1	133.4	124.3	93.18	8.04	5.42	6.0	-1.06	-3.68	-3.10
Mississippi	13N09E30CCD1	354247.8	901028.63	4/27/2015	10.6	149.1	138.5	92.89	9.24	6.28	7.0	-1.36	-4.32	-3.60
							Avg % Saturate	90.13	Declines/ Wells			4/4	4/4	4/4
									Average Change			-1.18	-4.24	-4.58

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County	Station ID	Latitude	Longitude	Date	15 DTW	Aq Thickness	Saturated ft	% Saturated	14 DTW	2010 DTW	2005 DTW	14-15 Change	10 - 15 Change	05 - 15 Change
Monroe	01N03W20BBA	34.5939694	-91.354925	5/15/2015	79.5					73.54			-5.96	
Monroe	01N03W23BAC1	344124	911743	5/15/2015	18.0	119.9	101.9	84.99	18.0		10.5	0.00		-7.50
Monroe	01S01W18DCD1	343617.8	910849.2	3/31/2015	25.15	147.9	122.75	83.00	25.49	22.25	21.50	0.34	-2.90	-3.65
Monroe	01S02W20BBB1	343612.7	911456.1	3/31/2015	11.5	130.5	119	91.19	11.79	11.71	7.00	0.29	0.21	-4.50
Monroe	01N01W15DBC	34.69417	-91.095	4/27/2015	54.0					51.88	46.94		-2.12	-7.06
Monroe	02N01W19ADD1	344624	910814	5/15/2015	52.0				56.0		52.0	4.00		0.00
Monroe	02N01W19BBA1	344645.2	910912.46	3/31/2015	56.0				57.7	54.12	52.60	1.70	-1.88	-3.40
Monroe	02S01W01BCD1	343305	910408	5/15/2015	20.0	145.5	125.5	86.25	23.0		18.0	3.00		-2.00
Monroe	02S02W11DAC1	343209	911100.58	3/31/2015	9.0	128.9	119.9	93.02	9.0	9.14	7.70	0.00	0.14	-1.30
Monroe	01N04W33BBB2	343959.5	912648.52	3/31/2015	106.65					97.39	98.10		-9.26	-8.55
Monroe	01S01W13CDD1	343610.9	910340.54	3/31/2015	24.0				24.48	17.39	17.8	0.48	-6.61	-6.20
Monroe	01S01W16DB	343615	910632	5/15/2015	20.0				19.0		22.0	-1.00		2.00
Monroe	01S04W01BAB1	343905.9	912316.73	3/31/2015	76.0				76.1	73.3	75.60	0.10	-2.70	-0.40
Monroe	02N03W35BCA1	344455	911745	5/15/2015	37.0				28.0		28.0	-9.00		-9.00
Monroe	03N01W20ABA1	345201.2	910722.83	3/26/2015	54.58				56.6	47.86	46.8	2.02	-6.72	-7.78
Monroe	03N02W31ADC1	344958.3	911447.2	3/31/2015	40.28				40.18	36.87		-0.10	-3.41	
Monroe	03N03W36AAA1	345026.7	911547.12	3/26/2015	21.3				20.85	16.39	18.10	-0.45	-4.91	-3.20
Monroe	04N02W01BCC1	345929	911004	5/15/2015	37.0				41.0		38.0	4.00		1.00
Monroe	04N02W05BBB1	345957	911311	5/15/2015	18.0				14.0		11.10	-4.00		-6.90
Monroe	04N02W27CDD3	345540.2	911149.73	4/27/2015	46.85				47.03	44.13	45.20	0.18	-2.72	-1.65
Monroe	01N02W12CBC1	344242.3	911031.9	3/31/2015	44.18				44.3	41.13	37.08	0.12	-3.05	-7.10
							Avg % Saturate	87.19	Declines/ Wells			5/18	12/14	16/19
									Average Change			0.09	-3.53	-4.06
Phillips	01S01E20DDB	34.59149	-91.016229	5/4/2015	28.0						18.0			-10.00
Phillips	01S03E02ADD	34.63732	-90.753167	5/4/2015	17.0						9.0			-8.00
Phillips	01S03E10ABB	34.62815	-90.776223	5/4/2015	19.5						8.6			-10.90
Phillips	01S02E32BBC	34.56399	-90.924004	5/4/2015	47.5						36.0			-11.50
Phillips	01S02E09CBB1	343718.7	905434.06	4/2/2015	12.1	146.9	134.8	91.76	16.9	13.27	7.20	4.80	1.17	-4.90
Phillips	02S04E27AAC1	342931.6	904001.09	4/2/2015	7.90	87.9	80	91.01	9.28	6.55	4.90	1.38	-1.35	-3.00
Phillips	03S02E35DDA	34.38229	-90.858314	4/2/2015	19.70					16.73	18.40		-2.97	-1.30
Phillips	03S03E04DAA1	342734.5	904709.93	4/2/2015	21.5	121.2	99.7	82.26	21.62	18.44	17.05	0.12	-3.06	-4.45
Phillips	03S04E02CAA1	342732	903918	4/2/2015	13.1	119.0	105.9	88.99	14.96	9.19	8.15	1.86	-3.91	-4.95
Phillips	01S04E05DCD1	343802	904151	4/2/2015	49.1				55.11	42.16	41.37	6.01	-6.94	-7.73
Phillips	02S01E28CCB1	342916.4	910058.18	4/2/2015	18.75				19.27	14.47	14.30	0.52	-4.28	-4.45
Phillips	02S03E15ACD1	343110	904621.48	7/1/2015	12.91				17.37	10.75		4.46	-2.16	
Phillips	02S02E29DDD	34.48371	-90.912337	5/5/2015	25.5						20.0			-5.50
Phillips	02S02E33ACC	34.47343	-90.903447	5/5/2015	23.5						20.0			-3.50
Phillips	02S03E34BCD	34.47455	-90.7815	5/5/2015	21.0						12.6			-8.40
Phillips	04S01E01AAD	34.37732	-90.950113	5/5/2015	15.0						15.0			0.00

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County	Station ID	Latitude	Longitude	Date	15 DTW	Aq Thickness	Saturated ft	% Saturated	14 DTW	2010 DTW	2005 DTW	14-15 Change	10 - 15 Change	05 - 15 Change
Phillips	04S01E23CCA	34.32536	-90.891283	4/2/2015	13.05					9.90	8.70		-3.15	-4.35
Phillips	04S01E29CDC	34.31232	-91.030114	5/5/2015	5.50						4.00			-1.50
Phillips	04S01E14CDD	34.33732	-90.977057	5/5/2015	15.0						9.0			-6.00
Phillips	04S02E01DBB	34.37233	-90.848166	5/5/2015	16.2						12.0			-4.20
							Avg % Saturat	86.88	Declines/ Wells			0/7	8/9	18/19
									Average Change			2.74	-2.96	-5.51
Poinsett	10N01E02AAA	35.5348	-90.488452	5/26/2015	102.0						97.0			-5.00
Poinsett	10N01E14CC1	352909.8	905813.38	4/23/2015	100.7	150.4	49.7	33.05	100.01	95.01	90.40	-0.69	-5.69	-10.30
Poinsett	10N01E16CCB1	352921.9	910005.35	5/13/2015	81.0	146.2	65.2	44.60	90.17	79.20	72.65	9.17	-1.80	-8.35
Poinsett	10N01E33ACB	35.46286	-90.992064	5/26/2015	90.0						76.0			-14.00
Poinsett	10N01E32CBB	35.49924.9	-91.014842	5/26/2015	80.0						74.0			-6.00
Poinsett	10N02E15CAA	35.49453	-90.869283	5/26/2015	119.0						102.0			-17.00
Poinsett	10N02E20BAB	35.48501	-90.905117	5/26/2015	110.0						105.0			-5.00
Poinsett	10N02E26BBD	35.47119	-90.747006	5/26/2015	120.0						114.0			-6.00
Poinsett	10N02E34BBB1	352725.8	905231.3	5/13/2015	107.59				108.5	101.9		0.91	-5.70	
Poinsett	10N03E13BCB	35.49953	-90.731222	5/26/2015	147.0						128.9			-18.10
Poinsett	10N03E14DAB1	352947.2	904404.93	4/23/2015	123.1				122.98	119.3	117.30	-0.12	-3.79	-5.80
Poinsett	10N03E19BCB	35.4848	-90.818726	5/26/2015	107.0						97.00			-10.00
Poinsett	10N03E35CDD1	352656.2	904435.97	4/23/2015	130.71				129.67	125		-1.04	-5.70	
Poinsett	10N04E35BBA	35.46258	-90.642054	5/26/2015	14.0						18.0			4.00
Poinsett	10N07E28CBB	35.45925	-90.357878	5/26/2015	30.0						29.0			-1.00
Poinsett	11N04E13DDA	35.58064	-90.60872	5/26/2015	15.0						14.0			-1.00
Poinsett	11N01E17DDC1	35.57702	-91.004287	5/26/2015	87.0									
Poinsett	11N01E26AA1	353340.3	905653.32	4/23/2015	97.87	144.8	46.93	32.41	103.26		90.0	5.39		-7.87
Poinsett	11N01E34AAA	35.54897	-90.966508	5/26/2015	94.0						87.0			-7.00
Poinsett	11N02E26AAB1	353350.3	905034.19	4/21/2015	135.0	149.2	14.2	9.52	125.77	111.5	105.50	-9.23	-23.47	-29.50
Poinsett	11N02E30BBB	35.56452	-90.927896	5/26/2015	111.0						100.00			-11.00
Poinsett	11N02E34CBA	35.54397	-90.872894	5/26/2015	112.0						106.00			-6.00
Poinsett	11N03E10DDA1	353545.7	904456.54	4/23/2015	111.5				111.09	107	103.35	-0.41	-4.51	-8.15
Poinsett	11N03E17AAB	35.59314	-90.787336	5/26/2015	140.0									
Poinsett	11N03E18BAB1	353537.8	904852.42	4/23/2015	117.5				125.82	107.8	110.30	8.32	-9.75	-7.20
Poinsett	11N05E26BDB	35.55508	-90.537051	5/26/2015	13.0						6.00			-7.00
Poinsett	11N06E34BBC1	353224	902646	4/23/2015	10.92				10.86	16.7	12.22	-0.06	5.78	1.30
Poinsett	11N07E18CAB1	353435	902320	4/23/2015	13.8	107.3	93.5	87.14	13.25	13.86	13.60	-0.55	0.06	-0.20
Poinsett	11N07E28CBB	35.54786	-90.355656	5/26/2015	24.0						21.00			-3.00
Poinsett	12N01E07CDA1	354053.7	910141.25	4/16/2015	57.08	123.4	66.32	53.74	56.13	56.54	58.25	-0.95	-0.54	1.17
Poinsett	12N01E22DAB	35.65619	-90.969286	5/26/2015	80.0						72.0			-8.00

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County	Station ID	Latitude	Longitude	Date	15 DTW	Aq Thickness	Saturated ft	% Saturated	14 DTW	2010 DTW	2005 DTW	14-15 Change	10 - 15 Change	05 - 15 Change
Poinsett	12N02E25DCC	35.63897	-90.829004	5/26/2015	126.0						111.0			-15.00
Poinsett	12N02E26DAD	35.64194	-90.84	5/13/2015	119.32					115.6			-3.72	
Poinsett	12N02E34CCC	35.62341	-90.875117	5/26/2015	124.0						111.0			-13.00
Poinsett	12N03E01CBD	35.69841	-90.724835	5/26/2015	100.0						92.0			-8.00
Poinsett	12N03E36ACB1	353749.4	904318.72	5/13/2015	109.7				107.15	101.1		-2.55	-8.65	
Poinsett	12N04E08CDA	35.68147	-90.686778	5/26/2015	96.0						86.0			-10.00
Poinsett	12N05E16ABA	35.67758	-90.559274	5/26/2015	14.0						6.0			-8.00
Poinsett	12N05E34ABA1	353805.4	903230.45	4/23/2015	11.2				8.88	4.14	4.55	-2.32	-7.06	-6.65
Poinsett	12N03E35AD	35.62925	-90.731501	5/26/2015	106.0						101.0			-5.00
Poinsett	12N07E04BAA1	354202	902059.69	4/23/2015	5.84	115.8	109.96	94.96	8.86	2.71	5.6	3.02	-3.13	-0.24
Poinsett	12N07E10CBB	35.67841	-90.339545	5/26/2015	10.0						8.0			-2.00
Poinsett	12N07E25DC1	353740	901802	4/23/2015	17.63	129.3	111.67	86.37	16.87	16.45	14.3	-0.76	-1.18	-3.31
Poinsett	11N01E17DDD1	353436.8	910013.21	4/16/2015	85.82				84.68	81.4	76.30	-1.14	-4.42	-9.52
Poinsett	12N03E04DAD1	354158	904600.16	5/26/2015	107.0				110.27	107.6	103.0	3.27	0.62	-4.00
							Avg % Saturat	54.71	Declines/ Wells			12/18	15/18	36/39
									Average Change			0.57	-4.59	-7.20
Prairie	01N06W05CCB1	344353	914049.08	4/28/2015	119.07	155.7	36.63	23.53	120.91	118.8	116.8	1.84	-0.23	-2.27
Prairie	01N06W26CDD1	344014.9	913707.61	4/28/2015	110.3	143.1	32.8	22.92	105.44		76.95	-4.86		-33.35
Prairie	01S04W28BDB1	343522.7	912629.73	3/25/2015	97.4	138.3	40.9	29.57	98.45	98.03	96.6	1.05	0.63	-0.80
Prairie	01S05W14BBC1	343722	913108.76	3/25/2015	108.8				108.9	108.8	108.25	0.10	-0.02	-0.55
Prairie	01S05W31DDA	34.57134	-91.575469	3/25/2015	96.8					104.8	126.6		7.97	29.80
Prairie	01N06W29DDD	34.67154	-91.664294	3/25/2015	117.5					118.1	115.45		0.57	-2.05
Prairie	01S06W12BAB1	343826	913613	3/25/2015	117.84	157.0	39.16	24.94	118.38	119.8	117.97	0.54	1.93	0.13
Prairie	02N04W32CCB1	344436.4	912737.79	3/26/2015	83.3	150.0	66.7	44.47	84.66	84.71	82.20	1.36	1.41	-1.10
Prairie	02S05W21CBB	34.7803	-91.566456	3/25/2015	110.71					111.3	107.57		0.60	-3.14
Prairie	02N05W24BCA3	344659	912937	2/4/2015	91.32	147.7	56.38	38.17	91.38	88.27	86.74	0.06	-3.05	-4.58
Prairie	02N05W29DDB2	344545.2	913308.75	3/26/2015	125.71	150.8	25.09	16.64	121.69	119.4	117.6	-4.02	-6.35	-8.11
Prairie	02N06W17ABB1	344809.5	913959.44	3/25/2015	133.79	148.0	14.21	9.60	124.39	125.1	122.2	-9.40	-8.72	-11.59
Prairie	02N06W24CAA1	344651	913551	3/26/2015	118.53	154.5	35.97	23.28	118.99	120.2	117.74	0.46	1.67	-0.79
Prairie	03S05W03BDD2	34.91224	-91.520931	3/25/2015	66.3					60.22	62.20		-6.08	-4.10
Prairie	04S04W07ADC	34.98064	-91.459186	3/25/2015	24.8					15.89	20.45		-8.91	-4.35
Prairie	04N05W07CDC1	345842.6	913440.92	3/25/2015	77.8	125.4	47.6	37.96	83.16	76.59	75.4	5.36	-1.21	-2.40
Prairie	04N05W31DDC1	345513.7	913405.83	3/25/2015	79.38				79.81	77.23	76.0	0.43	-2.15	-3.38
Prairie	04N06W05CCC1	345933.8	914017.96	4/28/2015	61.82	117.1	55.28	47.21	62.7	78.38	60.0	0.88	16.56	-1.82
Prairie	04N07W03DCB1	345942.1	914412.48	3/25/2015	89.46	170.7	81.24	47.59	89.2	86.16	86.6	-0.26	-3.30	-2.86
Prairie	04N07W28BBA1	345700.5	914544.88	3/25/2015	98.3	177.5	79.2	44.62	98.4	96.52	94.9	0.10	-1.78	-3.40
							Avg % Saturat	32.50	Declines/ Wells			4/15	11/19	18/20
									Average Change			-0.42	-0.55	-3.04

Alluvial Aquifer WL Change

2015,2014,2010,2005

County	Station ID	Latitude	Longitude	Date	15 DTW	Aq Thickness	Saturated ft	% Saturated	14 DTW	2010 DTW	2005 DTW	14-15 Change	10 - 15 Change	05 - 15 Change
Randolph	18N01E21CD1	36.18173	90.981233	4/2/2015	18.0									
Randolph	18N01E11CCC	36.20923	-90.953454	4/2/2015	17.0									
Randolph	18N01E16ABA	36.20806	-90.979722	4/2/2015	14.5									
Randolph	18N02E02CBC	36.22889	-91	4/2/2015	16.5									
Randolph	18N02E17CBB	36.20118	-90.899008	4/2/2015	35.0						23.0			-12.00
Randolph	18N02E22DCD1	361045.8	905104.7	4/28/2015	42.82	151.6	108.78	71.75	42.18	38.85	36.02	-0.64	-3.97	-6.80
Randolph	18N02E27BA1	36.17896	-90.855673	4/2/2015	36.0									
Randolph	19N02E09DCA	36.29924	-90.865961	4/28/2015	11.82					5.25	11.30		-6.57	-0.52
Randolph	19N02E22DAB	36.27228	-90.847062	4/2/2015	9.0						14.50			5.50
Randolph	20N02E01ADD1	362424.2	904811.39	4/28/2015	17.06	138.4	121.34	87.67	8.89	8.31	10.40	-8.17	-8.75	-6.66
Randolph	20N02E01ADD2	36.40673	-90.803174	4/2/2015	21.5									
Randolph	20N02E13CBB	36.37556	-90.82	4/2/2015	7.5									
Randolph	20N02E28DAD	36.34694	-90.861667	4/2/2015	6.5									
Randolph	20N03E07DAA	36.38979	-90.785673	4/2/2015	18.0									
Randolph	20N03E28BA1	362113.5	904537.97	4/28/2015	13.17	134.1	120.93	90.18	10.56	8.26	10.0	-2.61	-4.91	-3.17
Randolph	20N03E30DDA	36.34173	-90.788173	4/2/2015	20.0									
Randolph	18N01E34AAC1	360942.7	905729.13	4/28/2015	20.5				18.75	15.62	14.90	-1.75	-4.88	-5.60
							Avg % Saturat	85.96	Declines/ Wells			4/4	5/5	6/7
									Average Change			-3.29	-5.82	-4.18
St. Francis	04N01W17CBC1	345735	910801	4/8/2015	63.72	149.0	85.28	57.23	65.49	61.6	58.9	1.77	-2.12	-4.82
St. Francis	04N01W28CDD1	345535.3	910633.55	4/28/2015	75.17	157.2	82.03	52.18	75.39	71.06	71.55	0.22	-4.11	-3.62
St. Francis	04N02E03DDD3	34.98009	-90.872059	4/8/2015	48.66					41.27	44.3		-7.39	-4.36
St. Francis	04N02E19BBB1	345701	905633	4/28/2015	65.45	153.8	88.35	57.44	64.87	61.49	59.6	-0.58	-3.96	-5.85
St. Francis	05N01E15BCB1	350302.6	905942.41	4/8/2015	72.0	143.4	71.4	49.79	76.32	69.88	65.8	4.32	-2.12	-6.20
St. Francis	05N01E27BBA1	350135.7	905928.78	4/8/2015	74.6	145.8	71.2	48.83	74.23	69.5	66.5	-0.37	-5.10	-8.10
St. Francis	05N02E20ADC1	350156.9	905437.16	4/8/2015	62.03	150.8	88.77	58.87	59.73	53.34	54.0	-2.30	-8.69	-8.03
St. Francis	05N03E20AAA2	350214.3	904800.83	4/8/2015	97.7	192.6	94.9	49.27	107.3	105	95.5	9.60	7.26	-2.20
St. Francis	05N05E19DCA1	350127.6	903630.35	4/8/2015	33.3				31.95	30.05	31.86	-1.35	-3.25	-1.44
St. Francis	05N06E34CAB1	350025.6	902656.87	4/8/2015	26.15	141.8	115.65	81.56	26.19	25.16	25.1	0.04	-0.99	-1.05
St. Francis	06N01E33ACA2	350552.3	905941.6	4/28/2015	74.3	142.4	68.1	47.82	76.24	69.41	69.6	1.94	-4.89	-4.70
St. Francis	06N02E13DCA1	350812.6	905002.71	4/8/2015	81.0				80.2	75.37	71.9	-0.80	-5.63	-9.10
St. Francis	06N02E15BDD1	350841.9	905247.31	4/28/2015	65.8	150.0	84.2	56.13	66.67	62.31	59.2	0.87	-3.49	-6.60
St. Francis	06N06E20ABB2	350747.1	902841.2	4/8/2015	37.1				37.11	37.54	34.9	0.01	0.44	-2.20
							Avg % Saturat	55.00	Declines/ Wells			5/13	12/14	14/14
									Average Change			1.03	-3.15	-4.88

Alluvial Aquifer WL Change

2015,2014,2010,2005

County	Station ID	Latitude	Longitude	Date	15 DTW	Aq Thickness	Saturated ft	% Saturated	14 DTW	2010 DTW	2005 DTW	14-15 Change	10 - 15 Change	05 - 15 Change
White	05N07W10CCC1	350400.2	914436	5/5/2015	8.31	115.2	106.89	92.79	8.22	8.01	8.2	-0.09	-0.30	-0.11
White	06N06W04BAA	35.17978	-91.652753	5/5/2015	11.4					22.13	34.25		10.73	22.85
White	06N07W17DCC1	350822.5	914634.73	5/5/2015	9.5	127.2	117.7	92.53	9.48	12.37	10.5	-0.02	2.87	1.00
White	06N08W13ABA1	350907.7	914824.37	5/5/2015	7.04	137.8	130.76	94.89	6.45		6.58	-0.59		-0.46
White	06N08W26DDB1	350639.7	914931.17	5/5/2015	9.67	141.7	132.03	93.18	10.63	12.64		0.96	2.97	
White	07N05W32BAB1	351136.6	913406.19	5/5/2015	26.00	120.1	94.1	78.35	26.83	21.87	24.8	0.83	-4.13	-1.20
White	08N05W32CBC1	35.27102	-91.571378	5/5/2015	1.25	121.4	120.15	98.97		2.07	1.40		0.82	0.15
White	05N07W09AAA1	350446.9	914441.48	5/5/2015	3.90				10.76	9.80	14.13	6.86	5.90	10.23
White	06N06W18BBC1	350851.3	914151.92	5/5/2015	10.25				10.95	9.83	13.2	0.70	-0.42	2.95
							Avg % Saturate	89.65	Declines/ Wells			3/7	3/8	3/8
									Average Change			1.24	2.31	4.43
Woodruff	04N03W03AB1	350020.9	911819.87	4/7/2015	11.66	87.7	76.04	86.70	11.6	8.7	9.6	-0.06	-2.96	-2.06
Woodruff	05N03W25DDB	35.02592	-91.258737	5/8/2015	12.5						8.5			-4.00
Woodruff	05N04W12DBA1	350426.8	912210.78	4/7/2015	3.38	89.0	85.62	96.20	4.08	3.78	3.93	0.70	0.40	0.55
Woodruff	06N01W11AAB1	350944	910354	4/7/2015	67.27	137.5	70.23	51.08	66.65	68.75		-0.62	1.48	
Woodruff	06N03W15BAB1	350903.1	911807.41	4/7/2015	4.2	94.7	90.5	95.56	4.42	3.93	4.2	0.22	-0.27	0.00
Woodruff	06N03W31BCB1	350623	912144	4/7/2015	2.99	88.8	85.81	96.63	1.62	1.19	1.44	-1.37	-1.80	-1.55
Woodruff	06N04W22BDA1	350807	912428	5/12/2015	2.5				2.0		3.2	-0.50		0.70
Woodruff	07N01W04ACB1	351541	910626	5/8/2015	67				67.5	59.55		0.50	-7.45	
Woodruff	07N03W19AAA1	351335	912025.42	5/13/2015	10.0	109.5	99.5	90.87	9.42	5.33	9.1	-0.58	-4.67	-0.90
Woodruff	08N01W06DDD1	352028	910747	4/7/2015	43.11	135.4			45.25	43.75	43.1	2.14	0.64	-0.01
Woodruff	08N02W27DDB1	351711	911107	5/8/2015	30.3				30.0		25.5	-0.30		-4.80
Woodruff	08N02W31DDD1	351611	911411	4/7/2015	3.08				3.06	2.28	3.75	-0.02	-0.80	0.67
Woodruff	08N03W04BBB1	352128	911919	4/7/2015	17.56	131.3	113.74	86.63	16.57	12.14	14.08	-0.99	-5.42	-3.48
Woodruff	08N03W31AAD1	351655	912028	4/7/2015	20.87				20.02	17.34	21.5	-0.85	-3.53	0.63
Woodruff	09N03W28ABB1	352310	911845	5/8/2015	22.7				22.0			-0.70		
Woodruff	09N03W29AAD1	352258	911921	4/7/2015	20.8	131.0	110.2	84.12	20.34	18.13	18.9	-0.46	-2.67	-1.90
Woodruff	05N01W13CDC1	350244	910331	5/8/2015	79.5				80.5		75.4	1.00		-4.10
Woodruff	05N02W20DCB1	350207.8	911356.19	4/7/2015	14.7				13.95	8.41	11.0	-0.75	-6.29	-3.70
Woodruff	06N02W19AAA1	350802	911419	5/12/2015	49.5				49.0		44.0	-0.50		-5.50
Woodruff	07N03W31BBA1	351152	912103	5/12/2015	9.5				9.0		11.1	-0.50		1.60
Woodruff	09N03W32ACA1	352205	911936	5/8/2015	22.5				22.0		15.7	-0.50		-6.80
							Avg % Saturate	84.12	Declines/ Wells			15/20	10/13	12/18
									Average Change			-0.21	-2.56	-1.93
								Declined/ Wells				148/317	201/244	300/361
								Total Percent Decline				46.68%	82.37%	83.10%
								Total Avg Change				0.28	-2.84	-4.22

Appendix B

Sparta / Memphis Aquifer Water Level Monitoring Data

Sparta Change Table
2015,2014,2010,2005

County	Station ID	Latitude	longitude	Date	2015 DTW	2014 DTW	2010 DTW	2005 DTW	Δ'14-'15	Δ'10-'15	Δ'05-'15
Arkansas	03S03W18CCC2	342553	912251	2/4/2015	112.71						
Arkansas	02S04W06CDB1	343311.5	912849	5/29/2015	154.59	174.55	147.90	154.5	19.96	(6.69)	(0.09)
Arkansas	02S04W23DAA1	343044.2	912355	5/29/2015	137.45	150.65	153.5	143.6	13.20	16.05	6.15
Arkansas	02S04W33BBB1	342922.1	912703	5/29/2015	153.2		165.0	150.0		11.77	(3.23)
Arkansas	02S05W16CBB1	343143.6	913319	5/26/2015	165.86	180.85	165.5	168.1	14.99	(0.36)	2.24
Arkansas	02S05W35AAB1	342930	913035	5/29/2015	182.23			171.1			(11.13)
Arkansas	02S05W34ABC1	342925	913147	5/31/2015	179.1	185.28	168.8	174.6	6.18	(10.30)	(4.50)
Arkansas	03S04W02CCB1	342747.6	912458	5/31/2015	145.78	155.16	142.4	144.1	9.38	(3.38)	(1.68)
Arkansas	03S04W26CDA1	342421	912438	6/3/2015	134.69	145.85		137.8	11.16		3.11
Arkansas	03S04W33BAA1	342407	912639	6/3/2015	150.76	164.5			13.74		
Arkansas	03S05W02AAB1	342842.2	913034	5/29/2015	175.2	176.07		165.6	0.87		(9.60)
Arkansas	03S05W13BDC1	342631.2	913005	5/31/2015	170.81	178.6	148.0	171.7	7.79	(22.81)	0.89
Arkansas	03S05W18CAB1	342629.4	913525	6/2/2015	157.06	172.25	153.9	156.3	15.19	(3.16)	(0.76)
Arkansas	03S05W28DAB1	342447.2	913240	6/2/2015	162.8	176.76		167.9	13.96		5.10
Arkansas	03S06W21ACB1	342554.1	913927	6/3/2015	150.9	161.8	150.2		10.90	(0.70)	
Arkansas	03S06W30BBD1	342515.5	914216	6/3/2015	141.59	159.5	156.4	161.3	17.91	14.81	19.71
Arkansas	04S01W04CBD1	342225.4	910808	6/3/2015	109.49	112.43		107.5	2.94		(1.99)
Arkansas	04S01W28BAA1	341927	910748	6/3/2015	102.35	106.64			4.29		
Arkansas	04S04W11BCC1	342157	912502	6/3/2015	147.97	154.25	143.2	151.1	6.28	(4.77)	3.13
Arkansas	04S04W19CBB1	342003.7	912929	6/2/2015	151.94	164.08		151.8	12.14		(0.14)
Arkansas	04S05W05ACC1	342302.7	913413	6/2/2015	150.71		148.4	151.1		(2.31)	0.39
Arkansas	04S05W01BAA1	342322.2	912956	6/2/2015	167.96	181.67	162.3		13.71	(5.66)	
Arkansas	04S05W31DDA1	341819.3	913448	6/2/2015	33.91			24.62			(9.29)
Arkansas	04S05W36DCC1	341752	913004	6/2/2015	154.0		153.7	153.9		(0.30)	(0.10)
Arkansas	04S05W15AAA1	342132.2	913133	6/2/2015	159.49	179.42	155.75	159.2	19.93	(3.74)	(0.29)
Arkansas	05S04W26ACA1	341458.3	913424	6/3/2015	132.01		132.0	119.8		(0.01)	(12.21)
Arkansas	05S01W17BAA1	341550.7	910745	6/3/2015	90.26	92.58		89.08	2.32		(1.18)
Arkansas	05S05W26CDD1	341323.8	913120	6/3/2015	34.8	36.17	34.75	30.39	1.37	(0.05)	(4.41)
Arkansas	05S05W36DAA1	341245.1	912947	6/3/2015	137.24	145.75	140.0	133.9	8.51	2.76	(3.34)
Arkansas	06S02W06ABB1	341227.9	911620	6/4/2015	114.26	119.17		102.3	4.91		(11.96)
Arkansas	06S02W17ADA1	341022.7	911453	6/4/2015	110.05	113.45		104.8	3.40		(5.25)
Arkansas	06S02W22CDB1	340904.1	911331	6/4/2015	107.7	111	107.40	98.12	3.30	(0.30)	(9.58)
Arkansas	06S03W27BAA1	340859.2	912009	6/3/2015	115.31	120.2	115.10	112.5	4.89	(0.21)	(2.81)

Sparta Change Table
2015,2014,2010,2005

County	Station ID	Latitude	longitude	Date	2015 DTW	2014 DTW	2010 DTW	2005 DTW	Δ'14-'15	Δ'10-'15	Δ'05-'15
Arkansas	08S02W09BCC1	300031.1	911448	6/4/2016	99.39		98.40	95.88		(0.99)	(3.51)
Arkansas	07S02W28ABA1	340339.7	911411	6/4/2015	104.12		102.5	98.23		(1.62)	(5.89)
Arkansas	07S03W06ABC1	340701.9	914248	6/4/2015	126.09		122.50	122.8		(3.59)	(3.29)
						Decline/ Wells			**0/28**	**19/23**	**23/31**
						Average Change			**9.35**	**(1.11)**	**(2.11)**
Ashley	17S09W15ACC1	331333.7	920116	6/11/2015	22.05	23.27	19.94	17.97	1.22	(2.11)	(4.08)
Bradley	12S09W31CCB1	333711.2	920444	6/26/2015	202.33	185.78	191.90	186.4	(16.55)	(10.43)	(15.93)
Bradley	13S09W06ACB2	333647.1	920417	6/3/2015	165.51	161.82		166.8	(3.69)		1.29
Bradley	13S09W06DBD1	333625	920407		178.98	184.75			5.77		
Bradley	13S11W17BCD1	333453.7	921607	6/3/2015	196.3	193.09	196.14	201.0	(3.21)	(0.16)	4.70
Bradley	15S11W31DDD1 Hild	332142	921621	4/1/2015	99.41	100.17			0.76		
Bradley	16S12W21CAA1	331839.3	922052	6/2/2015	73.73	75.98	78.90	74.26	2.25	5.17	0.53
						Decline/ Wells			**3/7**	**3/4**	**2/5**
						Average Change			**(2.45)**	**(1.81)**	**(2.35)**
Calhoun	11S14W12CAC3	334630.3	922928	6/25/2015	94.43	98.2	129.40		3.77	34.97	
Calhoun	12S12W30ADD1	333846	922226	1/14/2015	63.08						
Calhoun	13S12W31DAA1	333233	922225	4/1/2015	57.35	57.55	56.15		0.20	(1.20)	
Calhoun	13S13W32CDA1	333226.8	922742	6/25/2015	197.73	184.99	191.30		(12.74)	(6.43)	
Calhoun	14S13W03CAB1	333145.3	922551	6/2/2015	163.02						
Calhoun	14S13W05BBD1	333206.7	922802	6/3/2015	147.53	149.18	159.70	156.4	1.65	12.17	8.87
Calhoun	14S13W12CCB1	333040.1	922404	3/27/2015	165.04	161.39	177.80	170.9	(3.65)	12.76	5.86
Calhoun	15S13W20BDC1	332411	922807	3/27/2015	24.4	24.76	24.10	24.75	0.36	(0.30)	0.35
Calhoun	15S13W32BCA1	332230	922821	3/27/2015	108.29	112.59	117.40		4.30	9.11	
						Decline/ Wells			**2/7**	**3/7**	**0/3**
						Average Change			**(0.87)**	**8.73**	**5.03**

Sparta Change Table
2015,2014,2010,2005

County	Station ID	Latitude	longitude	Date	2015 DTW	2014 DTW	2010 DTW	2005 DTW	Δ'14-'15	Δ'10-'15	Δ'05-'15
Cleveland	09S11W01CDA1	335729	921134	6/10/2015	174.69			207.2			32.51
Cleveland	09S11W01DDA2	335728.5	921120	6/10/2015	200.7			208.4			7.70
Cleveland	09S11W11CDB1	335622.7	921251	6/10/2015	159.63	160.09	161.75	161.9	0.46	2.12	2.27
Cleveland	10S09W23CDC1	334917.9	920021	6/10/2015	164.01	163.97	171.15	162.6	(0.04)	7.14	(1.41)
Cleveland	10S09W35ACD1	334757.9	915957	6/10/2015	153.95	155.53	157.80	154.8	1.58	3.85	0.85
Cleveland	11S11W16AAB1	334543	921423	6/10/2015	213.7			203.8			(9.90)
Cleveland	10S12W12BDD1	335133	921743	6/10/2015	118.21	118.47	123.70	119.0	0.26	5.49	0.79
						Decline/ Wells			**1/4**	**0/4**	**2/7**
						Average Change			**0.57**	**4.65**	**4.69**
Columbia	15S20W20CCB1	332453.4	931215	1/21/2015	217.09	216.95	215.80	216.10	(0.14)	(1.29)	(0.99)
Columbia	16S21W14CBB1	332049.4	931517	1/21/2015	217.01	207.89	200.66	198.30	(9.12)	(16.35)	(18.71)
Columbia	16S21W20CDC1	331943	931816	7/16/2015	263.41	263.14			(0.27)		
Columbia	16S22W22CCD1	331947.6	932225	1/21/2015	149.74	140.72	132.30	146.90	(9.02)	(17.44)	(2.84)
Columbia	17S19W17ACA1	331538.1	9305.36	4/29/2015	309.6		260.50	247.20		(49.10)	(62.40)
Columbia	17S19W15ABD1	331537	930329	4/29/2015	255.65	259.27	269.00	272.90	3.62	13.35	17.25
Columbia	17S19W18CBD1	331516.8	930656	4/29/2015	264.05	267.14	277.40	269.10	3.09	13.35	5.05
Columbia	17S19W30ABB1	331406.1	930650	4/28/2015	215.65	206.69	212.30	221.70	(8.96)	(3.35)	6.05
Columbia	17S21W08DCA1	331613.4	931758	5/28/2015	144.31			210.90			66.59
Columbia	17S21W01BBC1	331743.1	931424	4/28/2015	247.47	249.99	260.30	269.80	2.52	12.83	22.33
Columbia	S21W11DCC2 Magn	331608.6	931449	4/2/2015	266.69	268.08	279.80	278.20	1.39	13.11	11.51
Columbia	17S21W17BAB1	331608	931820	5/28/2015	195.36	191.13		203.30	(4.23)		7.94
Columbia	17S22W21ABD1	331516.6	932304	5/28/2015	81.33	83.03		81.62	1.70		0.29
Columbia	17S22W22ABB1	331522	932210	5/28/2015	132.73	133.35		137.00	0.62		4.27
Columbia	17S22W23BBB1	331520.7	932137	5/28/2015	141.03	147.26	133.30	136.10	6.23	(7.73)	(4.93)
Columbia	18S20W06DDC1	331142.6	931249	1/20/2015	320.4	317.28	280.01		(3.12)	(40.39)	
Columbia	18S20W08CBC1	331114.8	931227	5/28/2015	251.68	261.19	270.90	273.40	9.51	19.22	21.72
Columbia	18S20W10CAA1	331054.4	931016	5/28/2015	258.79	268.59	270.98	277.50	9.80	12.19	18.71
Columbia	18S21W26CCC1	330822	931545	1/20/2015	132.9	132.89			(0.01)		
Columbia	S20W08DAB1 Emers	330558	931156	4/1/2015	257.89	261.22			3.33		

Sparta Change Table
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County	Station ID	Latitude	longitude	Date	2015 DTW	2014 DTW	2010 DTW	2005 DTW	Δ'14-'15	Δ'10-'15	Δ'05-'15
Columbia	19S20W09CBD1	330555.4	931129	1/20/2015	261.48	260.61	262.40	265.90	(0.87)	0.92	4.42
Columbia	19S20W34BDD1	330239.1	931031	1/20/2015	207.97	207.41	206.50		(0.56)	(1.47)	
Columbia	19S21W16DBB1	330517.2	931724	1/20/2015	172.27	171.13	172.10	173.20	(1.14)	(0.17)	0.93
Columbia	19S23W10ABD1	330643.9	932833	1/16/2015	45.96	44.9	45.29	43.52	(1.06)	(0.67)	(2.44)
Columbia	19S23W11CDA2	330609.4	932744	1/12/2015	56.05	52.2	52.30	52.45	(3.85)	(3.75)	(3.60)
Columbia	19S23W11DDB1	330604.9	932722	1/12/2015	54.18	52.46	54.10	54.03	(1.72)	(0.08)	(0.15)
Columbia	19S23W14BAB1	330554	932753	1/12/2015	43.16	44.03	45.85	50.46	0.87	2.69	7.30
Columbia	20S22W03DCC1	330138.4	932236	1/20/2015	52.51	51.53	104.27	52.07	(0.98)	51.76	(0.44)
Columbia	20S22W11ACD1	330109.2	932133	1/20/2015	107.5	106.59	106.00	107.10	(0.91)	(1.50)	(0.40)
						Decline/ Wells			**16/27**	**13/22**	**10/24**
						Average Change			**(0.12)**	**(0.18)**	**4.06**
Craighead	14N04E22CBD1	354928.9	903921	6/12/2015	63.67	62.56	58.20	55.27	(1.11)	(5.47)	(8.40)
Craighead	14N04E28DBD1	354836.9	903953	6/4/2015	65.08	52.07	60.90	60.31	(13.01)	(4.18)	(4.77)
Craighead	14N05E36CBC1	354750.8	903100	6/4/2015	15.37	12.9	11.10	10.76	(2.47)	(4.27)	(4.61)
Craighead	15N04E20ADB1	355506	904043	6/4/2015	119.22	118.59	117.55	118.20	(0.63)	(1.67)	(1.02)
Craighead	15N05E29DBB1	355359.8	903433	6/4/2015	26.21	25.66	22.20	21.08	(0.55)	(4.01)	(5.13)
						Decline/ Wells			**5/5**	**5/5**	**5/5**
						Average Change			**(3.55)**	**(3.92)**	**(4.79)**
Crittenden	07V09E14BAC1	35.23004	-90.1078	5/28/2015	26.23		28.20	27.42		1.97	1.19
Crittenden	06N07E01DAD2	35.16612	-90.294	5/28/2015	24.39		23.6	22.53		(0.79)	(1.86)
Crittenden	06N09E08DCC1	35.14714	-90.1561	5/28/2015	22.66			8.10			(14.56)
Crittenden	06N09E23AAB1	35.12912	-90.0981	5/28/2015	44.67		46.00	61.57		1.33	16.90
Crittenden	08N07E35BBC2	351630	901933	1/21/2015	35.93						
Crittenden	07E21BBB1 near He	352341.2	902131	6/30/2015	25.18	25.69			0.51		
						Decline/ Wells			**0/1**	**1/3**	**2/4**
						Average Change				0.84	**0.42**
Cross	06N04E06ACA1	351004.3	904238	6/12/2015	197.06	201.75	202.00	201.90	4.69	4.94	4.84
Cross	07N05E04ADD1	351538.1	903330	6/18/2015	35.03	36.48	37.30	36.08	1.45	2.27	1.05

Sparta Change Table
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County	Station ID	Latitude	longitude	Date	2015 DTW	2014 DTW	2010 DTW	2005 DTW	Δ'14-'15	Δ'10-'15	Δ'05-'15
Cross	09N03E22AAB2	352403.8	904518	6/18/2015	133.7	136.48	126.30	130.20	2.78	(7.40)	(3.50)
Cross	09N04E30DCA1	352231.9	904118	6/18/2015	265.84		265.60	265.70		(0.24)	(0.14)
						Decline/ Wells			**0/3**	**2/4**	**2/4**
						Average Change			2.97	**(0.11)**	**0.56**
Dallas	07S14W31AAA1	340425.3	933334	6/25/2015	113.9			109.5			(4.40)
Dallas	07S15W33DAC1	340402	923752	1/14/2015	25.53	26	27.57		0.47	2.04	
Dallas	08S15W34BDC1	335858.8	923730	6/13/2015	27.46		26.30	35.63		(1.16)	8.17
Dallas	08S16W27DDD1	335936.8	924307	6/17/2015	32.78	32.7	30.60	32.77	(0.08)	(2.18)	(0.01)
Dallas	09S13W35CCD	335309.3	922413	6/17/2015	73.4		71.30	71.36		(2.10)	(2.04)
Dallas	09S14W01BDC1	335753.6	922919	6/17/2015	88.42	85.3		78.66	(3.12)		(9.76)
Dallas	09S16W19CAA1	335605.5	924701	6/17/2015	6.14	7.9	7.10	6.03	1.76	0.96	(0.11)
Dallas	10S13W34ACA2	334829.5	922458	6/4/2015	152.0	151.9	152.30	151.5	(0.10)	0.30	(0.50)
Dallas	10S15W11DBB1	335201	923632	1/14/2015	57.89	59.4	55.08		1.51	(2.81)	
Dallas	10S15W18BCC1	335119.5	924120	6/13/2015	75.25	77.9	72.29	75.78	2.65	(2.96)	0.53
						Decline/ Wells			**3/7**	**5/8**	**6/8**
						Average Change			**0.44**	**(0.99)**	**(1.02)**
Desha	10S04W11CBC1	335034.4	912905	6/2/2015	102.7			102.9			
Desha	10S02W26CCC2	334750.2	9116.23	6/2/2015	74.12		71.65	71.24		(2.47)	
Desha	11S02W03CCA1	334615.8	911711	6/2/2015	68.33		70.15	69.02		1.82	
Desha	12S03W26CBB1	333748.6	912259	6/3/2015	82.24		81.50	95.39		(0.74)	
						Decline/ Wells				**2/3**	
						Average Change				**(0.46)**	
Grant	03S13W12AAA1	342845.7	922106	6/3/2015	128.88	131.3	130.40	131.0	2.42	1.52	2.12
Grant	03S15W26DAA1	342600.5	923447	6/5/2015	5.03	7.2	10.94	9.87	2.17	5.91	4.84
Grant	04S15W02DAC1	342405	923456	4/17/2015	85.75	86.3	83.74		0.55	(2.01)	
Grant	05S13W07ADB1	341810	922650	6/2/2015	77.21		80.10	59.43		2.89	(17.78)
Grant	05S15W05ABD1	341923.8	923827	6/2/2015	11.69	13.4	13.30	16.97	1.71	1.61	5.28
Grant	06S11W05ACD1	341340.8	921413	6/3/2015	186.09	195.4	190.50	209.7	9.31	4.41	23.61

Sparta Change Table
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County	Station ID	Latitude	longitude	Date	2015 DTW	2014 DTW	2010 DTW	2005 DTW	Δ'14-'15	Δ'10-'15	Δ'05-'15
Grant	06S15W26ACA1	341022	923538	6/3/2015	62.38	63.8	58.60	65.53	1.42	(3.78)	3.15
						Decline/ Wells			**0/6**	**2/7**	**1/5**
						Average Change			**2.93**	**1.51**	**3.54**
Hot Springs	05S16W35ACA1	341459.5	924151	6/2/2015	33.44	36.45	32.90		3.01	(0.54)	
Jefferson	03S11W22ABC1	342650.8	921058	7/17/2015	170.1	171.65	172.0	175.0	1.55	1.90	4.90
Jefferson	03S10W14CAD1	342659.2	920330	6/10/2015	112.68			113.8			1.12
Jefferson	04S07W17BCC1	342139.6	914742	6/9/2015	171.68			168.4			(3.28)
Jefferson	04S08W35BBD1	341909.1	915056	6/9/2015	220.37			207.5			(12.87)
Jefferson	05S08W30CBA1	341446.2	915527	6/1/2015	270.2		278.30	290.9		8.10	20.70
Jefferson	08W30ADB1 near Pi	341452.3	915440	7/1/2015	276.61	281.57		297.5	4.96		20.89
Jefferson	05S10W16DBB1	341634.6	920543	6/16/2015	273.09	265.05	262.75	294.2	(8.04)	(10.34)	21.11
Jefferson	06S08W16CCC1	341143.1	915517	4/1/2015	235.46	241.17	247.60	255.7	5.71	12.14	20.24
Jefferson	06S08W25ADC1	341024.9	915116	6/16/2015	212.42		220.20	225.7		7.78	13.28
Jefferson	06S10W23DBA1	341104.6	920506	6/12/2015	226.24			237.3			11.06
Jefferson	06S10W23ACD1	341115.5	920508	6/12/2015	225.79						
Jefferson	06S10W23ACA2	341123.1	920504	6/15/2015	220.39	223.59	219.0	223.7	3.20	(1.39)	3.31
Jefferson	03S08W19BAD1	342623.8	915444	6/11/2015	160.44	174	163.80	171.5	13.56	3.36	11.06
Jefferson	03S08W19BBD1	342628.4	915505	6/10/2015	166.36	165.5	163.80	166.7	(0.86)	(2.56)	0.34
Jefferson	07S07W24BAB	340632.7	914523	6/9/2015	157.27	162.78	164.90	164.8	5.51	7.63	7.53
Jefferson	03S10W27AAD	342502.1	920434	7/13/2015	118.03	124.6	121.30	126.3	6.57	3.27	8.27
Jefferson	06S09W17CCA1	341151.8	920221	6/4/2015	243.88			268.0			24.12
Jefferson	06S09W17CAD	341158.7	920207	6/15/2015	246.68	264.55		258.2	17.87		11.52
Jefferson	04S09W11BAA	342309.3	915702	6/9/2015	144.44	109.3	116.30	135.5	(35.14)	(28.14)	(8.94)
Jefferson	03S09W23BCA1	342627	915713	6/10/2015	158.98	163.3	161.20	165.5	4.32	2.22	6.52
						Decline/ Wells			**3/12**	**4/12**	**3/21**
						Average Change			**1.60**	**0.33**	**8.47**

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County	Station ID	Latitude	longitude	Date	2015 DTW	2014 DTW	2010 DTW	2005 DTW	Δ'14-'15	Δ'10-'15	Δ'05-'15
Lee	01N04E09CDD1	344209.7	904119	6/11/2015	66.82	66.9	64.30	59.55	0.08	(2.52)	(7.27)
Lee	02N01E10CAD1	344743.4	905925	6/11/2015	63.68		54.0	51.88		(9.68)	(11.80)
Lee	03N03E28CDB1	345005.9	904749	6/11/2015	53.71	54.8	52.55	61.97	1.09	(1.16)	8.26
						Decline/ Wells			**0/2**	**3/3**	**2/3**
						Average Change			**0.59**	**(4.45)**	**(3.60)**
Lincoln	07S07W30CDC1	340443.9	915043	6/9/2015	168.54	171.4	175.60	180.4	2.86	7.06	11.86
Lincoln	08S04W22AAA1	340104.9	912753	6/4/2015	114.01		114.73	119.9		0.72	5.89
Lincoln	08S05W03BAA1	340345	913446	6/9/2015	133.96						
Lincoln	08S05W03BAA2	340309.5	913454	6/9/2015	127.46	132.2	135.70	147.6	4.74	8.24	20.14
Lincoln	08S05W35ACC1	335906.6	913337	6/9/2015	115.43	124.51	121.65	140.0	9.08	6.22	24.57
Lincoln	08S08W35DCB1	355850.6	915217	6/5/2015	232.1		249.5	210.5		17.40	(21.60)
Lincoln	08S08W35DBB1	335858.4	915222	6/5/2015	204.8	211.96	209.0	202.0	7.16	4.20	(2.80)
Lincoln	09S07W07DAD1	335633.9	915128	6/5/2015	261.43	263.0	263.5	268.5	1.57	2.07	7.07
						Decline/ Wells			**0/5**	**0/7**	**2/7**
						Average Change			**5.08**	**6.56**	**6.45**
Lonoke	01N07W03BCC1	344425.3	914503	5/31/2015	141.3		131.50	127.9		(9.80)	(13.40)
Lonoke	01S08W02DBD1	343854.7	914960	6/2/2015	109.61	97.2		97.32	(12.41)		(12.29)
Lonoke	02N07W06ACD1	344939.1	914737	5/27/2015	125.9	138.58	122.85	121.5	12.68	(3.05)	(4.40)
Lonoke	02N07W09AAA1	344906.4	914500	5/28/2015	103.38	104.13	99.35	98.77	0.75	(4.03)	(4.61)
Lonoke	02N07W22DBA1	344651.5	914426	5/27/2015	139.59	138.91	133.80	128.5	(0.68)	(5.79)	(11.09)
Lonoke	02N07W24DAC1	344650.2	914209	5/27/2015	150.58		151.35	146.5		0.77	(4.08)
Lonoke	02S07W08DCC1	343235.5	914700	6/2/2015	126.65	134.9		140.2	8.25		13.55
Lonoke	02S08W16BDA1	343227.7	915232	6/2/2015	120.43	130.6		119.8	10.17		(0.63)
Lonoke	02S09W15BBB2	343246.5	915825	6/2/2015	74.12	72.2		71.35	(1.92)		(2.77)
Lonoke	03S07W23CCC1	345144.2	914350	5/28/2015	93.97			85.33			(8.64)
Lonoke	03N08W22DAD2	345204.6	915024	8/24/2015	104.25	102.05		92.33	(2.20)		(11.92)
						Decline/ Wells			**4/8**	**4/5**	**10/11**
						Average Change			**1.83**	**(4.38)**	**(5.48)**
Monroe	01N01W15DBC2	344139	910542	1/21/2015	65.31	66.1	59.92		0.79	(5.39)	

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County	Station ID	Latitude	longitude	Date	2015 DTW	2014 DTW	2010 DTW	2005 DTW	Δ'14-'15	Δ'10-'15	Δ'05-'15
Monroe	03N02W26DAB1	345042.2	911026	6/4/2015	50.76	52.57		47.13	1.81		(3.63)
Monroe	04N02W30BAC1	345617	911504	6/3/2015	9.99	9.28	10.10	14.59	(0.71)	0.11	4.60
Monroe	04N02W30BAD1	345617.2	911515	6/5/2015	12.04	24.38	11.80	9.86	12.34	(0.24)	(2.18)
Monroe	04N02W28DDD4	34.92636	-91.2058	6/4/2015	33.29		29.30	30.49		(3.99)	(2.80)
						Decline/ Wells			**1/4**	**3/4**	**3/4**
						Average Change			**3.56**	**(2.38)**	**(1.00)**
Ouachita	11S15W27ABD1	334440.9	923726	3/16/2015	68.63	69.47	52.80	71.72	0.84	(15.83)	3.09
Ouachita	11S17W14CAC1	334631.4	924927	6/8/2015	15.04	19.87	14.70	18.70	4.83	(0.34)	3.66
Ouachita	11S18W20AAA1	334614.3	925759	3/17/2015	43.1	34.68		44.10	(8.42)		1.00
Ouachita	12S15W09BBA1	334223.3	923922	3/16/2015	39.08	53.98	49.55	70.57	14.90	10.47	31.49
Ouachita	12S16W25BDA1	333929	924211	6/9/2015	23.65	30.77		33.82	7.12		10.17
Ouachita	12S16W25BDC1	333929.4	924211	3/25/2015	29.1	29.82	22.50		0.72	(6.60)	
Ouachita	12S16W26ABD1	333945.6	924304	3/25/2015	19.44	18.97	28.10	34.69	(0.47)	8.66	15.25
Ouachita	12S18W19CDC1	334014	925951	3/17/2015	27.04	29.74	26.85		2.70	(0.19)	
Ouachita	12S18W25CAB1	333937.2	925442	3/17/2015	77.65	78.35	77.10	77.43	0.70	(0.55)	(0.22)
Ouachita	12S19W09BAB1	334251.5	930352	3/17/2015	5.08	12.95	13.20	10.01	7.87	8.12	4.93
Ouachita	12S19W35BDD1	333901.1	930146	6/10/2015	163.74			156.2			(7.54)
Ouachita	13S16W28ADD1	333416.2	924451	3/25/2015	21.19	25.53	24.35	32.19	4.34	3.16	11.00
Ouachita	13S18W06CBB1	333758	930013	3/17/2015	114.83	115.63	112.90		0.80	(1.93)	
Ouachita	13S19W28BCD1	333433.9	930418	3/18/2015	36.46	37.53	37.80	36.22	1.07	1.34	(0.24)
Ouachita	14S16W32BDB1	332815.6	924640	3/25/2015	13.63	21.64	15.60	19.53	8.01	1.97	5.90
Ouachita	14S17W02ABB1	333252.8	924927	3/25/2015	15.21	17.53	17.20		2.32	1.99	
Ouachita	7W05CAD1 near Ca	333238	925255	3/11/2015	35.69	37.31	34.55	36.93	1.62	(1.14)	1.24
Ouachita	14S17W19DBB1	333002.2	925345	3/18/2015	8.78	12.56	15.70	11.22	3.78	6.92	2.44
Ouachita	14S17W32CAD1	332803.4	925251	3/18/2015	75.96	78.39	70.80	81.86	2.43	(5.16)	5.90
Ouachita	14S18W27BDC1	332917.6	925704	3/25/2015	42.3	43.61	41.30	43.37	1.31	(1.00)	1.07
Ouachita	14S19W29ABB1	332941.5	930513	3/18/2015	89.86	90.44	87.40	87.52	0.58	(2.46)	(2.34)
Ouachita	15S15W32DBB2	332233.7	924027	3/25/2015	151.23	152.99	158.60	176.40	1.76	7.37	25.17
Ouachita	15S16W23DAC1	332416.8	924314	3/25/2015	118	120.84			2.84		
Ouachita	15S16W30DBD1	332332	924729	3/25/2015	178.91	186.69			7.78		
Ouachita	15S18W36ADD1	332310.8	925436	3/18/2015	89.23	89.96	91.05	95.43	0.73	1.82	6.20

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County	Station ID	Latitude	longitude	Date	2015 DTW	2014 DTW	2010 DTW	2005 DTW	Δ'14-'15	Δ'10-'15	Δ'05-'15
Ouachita	15S19W10DCC1	332618.4	930318	6/4/2015	68.45			73.25			4.80
Ouachita	19W21CDD2 Steph	332438	930432	3/11/2015	187.77	188.13	190.60	198.4	0.36	2.83	10.63
Ouachita	13S18W06BBA1	333819	930006	1/15/2015	115.6	112.0	112.90		(3.60)	(2.70)	
Ouachita	14S17W03CBA1	333234	925055	1/14/2015	16.08	16.6	12.73		0.52	(3.35)	
						Decline/ Wells			**3/27**	**10/21**	**4/21**
						Average Change			**2.50**	**0.58**	**6.36**
Phillips	01S02E32DDC1	343324.3	905455	6/11/2015	77.46	81.25	74.38	80.79	3.79	(3.08)	3.33
Phillips	02S02E01ADC1	343323.5	905056	6/11/2015	35.73	27.45	31.40	36.62	(8.28)	(4.33)	0.89
Phillips	02S05E16BCB	343108.3	903526	6/11/2015	35.16		29.20	33.52		(5.96)	(1.64)
Phillips	02S05E29CCC1	342850.8	903635	6/11/2015	20.71		15.70	34.96		(5.01)	14.25
Phillips	02S04E02DBA1	343242.9	903907	6/11/2015	98.54	96.8	90.40	112.8	(1.74)	(8.14)	14.26
Phillips	03S03E30DAA1	342402.9	904915	6/11/2015	42.64	43.92	39.10	43.88	1.28	(3.54)	1.24
Phillips	04S02E25CCC1	341824.2	905121	6/11/2015	34.11	29.8	33.80	35.99	(4.31)	(0.31)	1.88
						Decline/ Wells			**3/5**	**7/7**	**1/7**
						Average Change			**(1.85)**	**(4.34)**	**4.89**
Poinsett	10N01E15DBB1	352930.5	905825	6/11/2015	98.62	98.45	98.30	94.74	(0.17)	(0.32)	(3.88)
Poinsett	10N01E33ABA1	352724.9	905924	6/11/2015	84.5	95.71	80.40	75.44	11.21	(4.10)	(9.06)
Poinsett	10N01E12BDC1	35.50732	-90.9415	6/11/2015	109.59		103.10	95.1		(6.49)	(14.49)
Poinsett	02E11BDC1 near We	353605.5	905107	7/1/2015	121.05	119.54			(1.51)		
Poinsett	11N02E16CCC1	353448.2	905321	6/11/2015	118.05	118.09	111.60	105.5	0.04	(6.45)	(12.55)
Poinsett	Un-84 Truxno	325647	922417	4/1/2015	253.36						
						Decline/ Wells			**2/4**	**4/4**	**4/4**
						Average Change			**2.39**	**(4.34)**	**(10.00)**
Prairie	01N06W34CBB1	343943	913846	5/28/2015	164.25	163.09	150.50	155.8	(1.16)	(13.75)	(8.45)
Prairie	01S05W06BCB1	343904	913532	5/28/2015	165.72	168.59	145.80	148.7	2.87	(19.92)	(17.02)
Prairie	01S05W20ABB1	343639.9	913352	5/28/2015	164.37		147.10	158.9		(17.27)	(5.47)

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County	Station ID	Latitude	longitude	Date	2015 DTW	2014 DTW	2010 DTW	2005 DTW	Δ'14-'15	Δ'10-'15	Δ'05-'15
Prairie	01S06W01BDD2	343859.5	913613	6/2/2015	173.94	164.95		164.0	(8.99)		(9.94)
Prairie	01S06W02ABB1	344442.4	913701	5/28/2015	120.29		112.40	115.7		(7.89)	(4.59)
Prairie	01S06W11DBD1	343749	913654	5/28/2015	170.33	170.74	167.10	164.7	0.41	(3.23)	(5.63)
Prairie	01S06W12BAB2	343826	913613	2/4/2015	167.48	175.23	150.50		7.75	(16.98)	
Prairie	01S05W19CDC	344113.1	913505	5/28/2015	146.53		142.80	139.5		(3.73)	(7.03)
Prairie	02S04W19ACB1	344649.1	912802	6/2/2015	54.28			91.13			36.85
Prairie	02N05W21CBB2	344649	913300	2/4/2015	111.29	111.54			0.25		
Prairie	02N05W24BCA4	344659	912937	2/4/2015	103.93	119.3	97.30		15.37	(6.63)	
Prairie	02N06W04DBB1	344928	913852	5/31/2015	108.45	117.6			9.15		
Prairie	02N06W19AAB1	344718.2	914050	5/27/2015	155.18	156.8	148.77	138.2	1.62	(6.41)	(16.98)
Prairie	02N06W20BCB1	344706.6	914033	5/27/2015	160.04	157.08	145.0	142.0	(2.96)	(15.04)	(18.04)
Prairie	02N06W21DAD1	344644.2	913829	5/27/2015	123.85	124.92	118.60	119.9	1.07	(5.25)	(3.95)
Prairie	02N06W22BDD1	344653.7	913801	5/27/2015	121.15	127.7	117.20	119.0	6.55	(3.95)	(2.15)
						Decline/ Wells			**3/12**	**12/12**	**11/12**
						Average Change			**2.66**	**(10.00)**	**(5.20)**
Union	16S14W15CAB1	331944	923218	2/18/2015	120.99	134	129.10	160.90	13.01	8.11	39.91
Union	16S14W34CBC1	331701	923229	2/18/2015	248.93	257.19			8.26		
Union	16S15W20DAA1	331859.9	923958	5/4/2015	251.41	251.3	293.90	288.30	(0.11)	42.49	36.89
Union	16S15W31ACC1	331717.1	924129	3/17/2015	241.66	243.78	264.15	294.2	2.12	22.49	52.54
Union	16W02ABC1 Smack	332205.9	924329	3/9/2015	146.19	146.77	160.58	168.4	0.58	14.39	22.21
Union	16S16W03CBC1	332138	924507	5/4/2015	204.99	208.89	212.00		3.90	7.01	
Union	16S17W36DCC1	331700	924842	5/30/2015	215.53	222.04			6.51		
Union	16S18W34ABC2	331806	925709	5/4/2015	194.6	208.82	212.30	205.3	14.22	17.70	10.70
Union	17S14W10DCC1	331456.8	923203	2/18/2015	91.25	91.49	93.80	93.02	0.24	2.55	1.77
Union	17S14W15ABA1	331451.3	923160	2/18/2015	83.57	71.76	85.0	89.96	(11.81)	1.43	6.39
Union	4W22BAB1 Union S	331354.4	923224	4/1/2015	267.06	272.32	295.01	317.2	5.26	27.95	50.14
Union	17S15W06BAA1	331645.6	924133	3/17/2015	212.63	215.23	223.95	255.0	2.60	11.32	42.37
Union	17S15W08CDD1	331504.8	924027	3/17/2015	257.71	259.37	271.95		1.66	14.24	
Union	15W18DBB1 Monsa	331439	924129	4/1/2015	275.57	275.92	292.41	331.1	0.35	16.84	55.53
Union	17S15W28DBA1	331246.1	923910	4/1/2015	316.27	319.19	340.27	390.8	2.92	24.00	74.53
Union	17S15W28DCC1	331232.9	923924	5/20/2015	386.47	366.89		437.20	(19.58)		50.73

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County	Station ID	Latitude	longitude	Date	2015 DTW	2014 DTW	2010 DTW	2005 DTW	Δ'14-'15	Δ'10-'15	Δ'05-'15
Union	17S15W31DCA1	331145.1	924117	5/13/2015	369.01	384.13	388.40	425.30	15.12	19.39	56.29
Union	17S15W31DCA3	331144.4	924116	5/13/2015	103.39	105.64			2.25		
Union	17S15W31DDA1	331143.8	924105	4/2/2015	359.94	363.05	372.30	415.0	3.11	12.36	55.06
Union	17S15W33BA1	331223	923925	5/20/2015	355.37	360.08			4.71		
Union	17S15W36BAB1	331217	923629	3/17/2015	347.22	329.21			(18.01)		
Union	17S16W01BAA1	331649	924233	3/17/2015	249.75	250.86	262.58		1.11	12.83	
Union	7S17W25DBA2 Airpo	331256	924838	4/2/2015	310.33	313.38	331.45	359.0	3.05	21.12	48.67
Union	17S17W30DCD1	331257.4	925356	5/4/2015	284.18	288.55	297.50	321.90	4.37	13.32	37.72
Union	18S12W33BBB1	330650.4	922120	5/13/2015	134.12	140.84	139.40	141.20	6.72	5.28	7.08
Union	8S12W33CBC1 Stror	330618.5	922113	4/1/2015	112.69	112.41			(0.28)		
Union	18S13W16ADD1	330915	922634	5/14/2015	165.23	177.42			12.19		
Union	18S14W06CCD1	331039.2	923531	5/14/2015	316.15	340.48	315.80	398.60	24.33	(0.35)	82.45
Union	5W03DAB1 Welcom	331103.8	923802	4/1/2015	318.59	321.6	342.03	373.7	3.01	23.44	55.11
Union	18S15W33ADA1	330659.3	923858	2/18/2015	339.11	365.73	350.04	374.0	26.62	10.93	34.89
Union	18S16W11DAC1	331011.2	924316	5/5/2015	356.99	377.74	372.20	422.5	20.75	15.21	65.51
Union	18S16W12ACB1	331028.8	924232	5/5/2015	388.96	388.94	400.32	469.7	(0.02)	11.36	80.74
Union	18S16W28BBB1	330809.2	924611	4/4/2015	295.83	283.04	290.45	331.20	(12.79)	(5.38)	35.37
Union	18S17W22BDD1	330855.9	925056	3/10/2015	318.23	320.41	325.33	353.5	2.18	7.10	35.27
Union	18S18W11ACD2	331050.9	925615	5/4/2015	258.16	245.17	267.40		(12.99)	9.24	
Union	19S10W16CBC1	330329	920904	5/20/2015	81.9	85.59	88.10	86.64	3.69	6.20	4.74
Union	19S11W23ACA1	330255.4	921229	8/6/2015	148.35	148.4	152.12	152.0	0.05	3.77	3.65
Union	19S11W25AAA1	330217.8	921113	5/13/2015	138.86	143.2	148.25	152.3	4.34	9.39	13.44
Union	19S12W13AAA1	330411.3	921717	5/20/2015	172.29	165.55	165.72	157.8	(6.74)	(6.57)	(14.49)
Union	19S15W01CCA1	330534.8	923645	5/13/2015	22.75	21.85	56.70	68.42	(0.90)	33.95	45.67
Union	19S16W35DDC1	330108.9	924326	5/13/2015	221.08	220.79	218.08	247.10	(0.29)	(3.00)	26.02
Union	19S17W16BAA1	330455	925153	5/5/2015	255.86	250.99			(4.87)		
Union	19S18W14ADA1	330451.7	925608	5/4/2015	188.35	188.91	191.28	191.40	0.56	2.93	3.05
						Decline/ Wells			**12/44**	**4/35**	**1/32**
						Average Change			**2.59**	**12.15**	**36.13**
Woodruff	05N01W11ABA1	350425.8	910407	6/5/2015	63.71	63.01	59.60	55.76	(0.70)	(4.11)	(7.95)
Woodruff	05N01W17DBB1	350310.7	910727	6/5/2015	48.83	48.83	45.15	46.61	0.00	(3.68)	(2.22)
Woodruff	05N02W31DCB3	350026.9	911456	6/5/2015	18.55	17.46	8.65	11.64	(1.09)	(9.90)	(6.91)

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County	Station ID	Latitude	longitude	Date	2015 DTW	2014 DTW	2010 DTW	2005 DTW	Δ'14-'15	Δ'10-'15	Δ'05-'15
Woodruff	06N01W13ABA1	350851.8	910254	6/5/2015	74.5	73.18	70.60	63.04	(1.32)	(3.90)	(11.46)
Woodruff	07N01W12BCB1	35.24488	-91.0573	6/9/2015	74.4			61.52			(12.88)
Woodruff	08N01W12CDA1	351934	910311	6/9/2015	76.63	78.38	75.20	72.04	1.75	(1.43)	(4.59)
Woodruff	08N02W26ADC1	35.29049	-91.1678	6/9/2015	33.53			32.56			(0.97)
						Decline/ Wells			**3/5**	**5/5**	**7/7**
						Average Change			**(0.27)**	**(4.60)**	**(6.71)**
						Declined Wells			**64/225**	**112/207**	**103/229**
						Total Percent Decline			**28.40%**	**54.10%**	**44.92%**
						Total Avg Change			**2.36**	**1.29**	**5.96**