Arkansas Groundwater Protection and Management Report for 2014

A Supplement to the Arkansas Water Plan

Ground-Water Protection Mission:

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

February 2015

STATE OF ARKANSAS

ARKANSAS NATURAL RESOURCES COMMISSION
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LITTLE ROCK, ARKANSAS 72201

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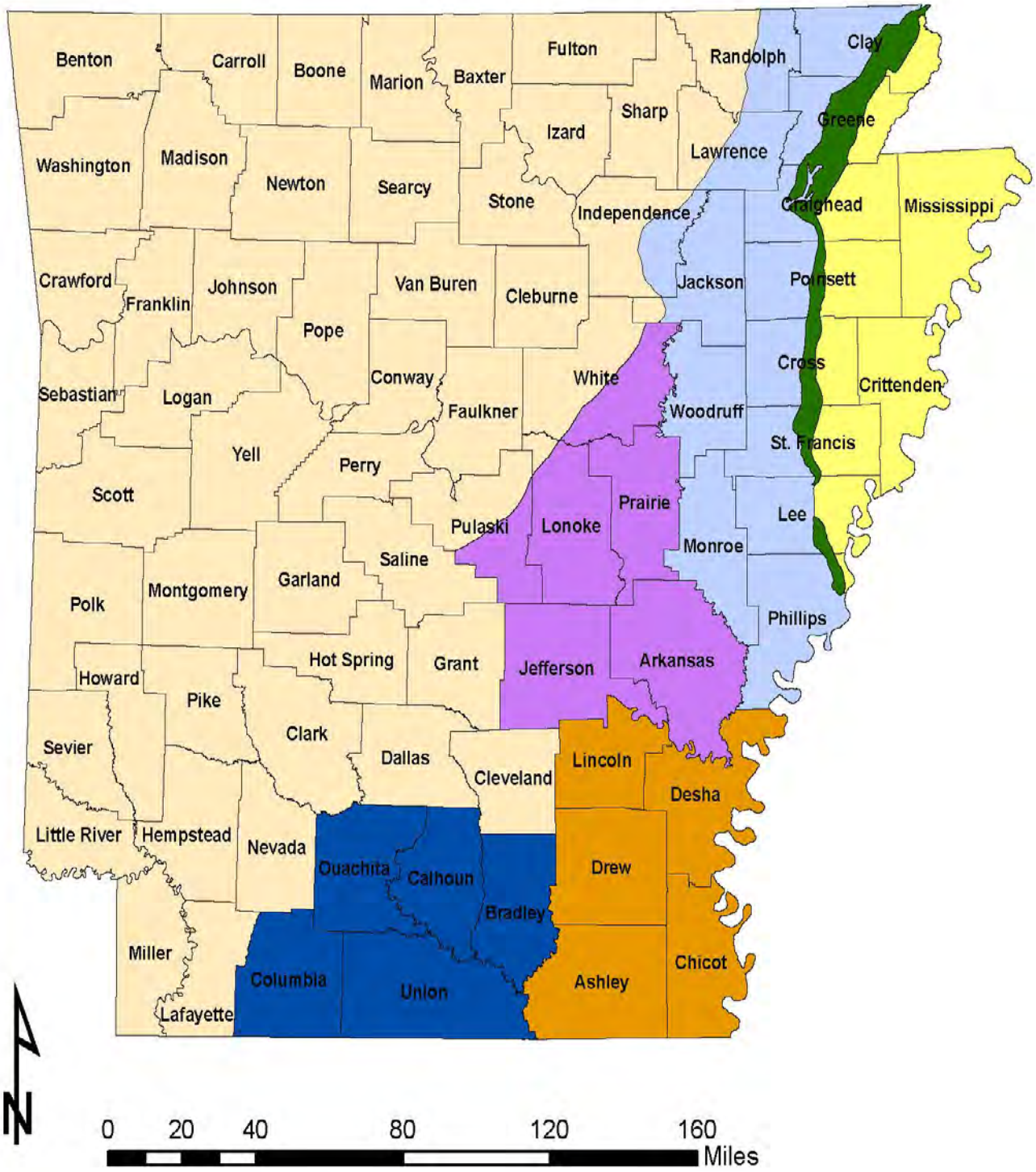
ABSTRACT

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 2014, 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 2013 to the spring of 2014. This monitoring period consisted of slightly above average precipitation with an average of 50.18 inches of precipitation, and as a result, 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 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 250 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 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 2014 for static water level change in the alluvial aquifer was completed in the spring. The data for 2013-2014 indicates a decline in 113 of 255 wells, with an aquifer-wide average change of +0.16 feet in water levels during this time.

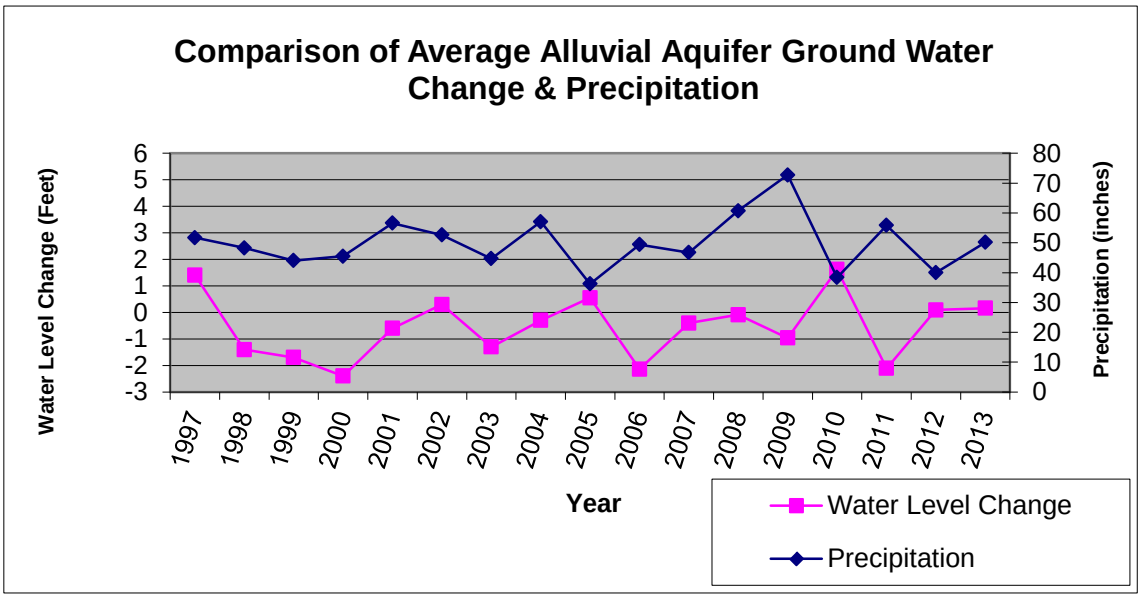


Table 1.

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. Water-level declines are consistently observed in areas where water use is highest, such as portions of the Grand Prairie 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.

WATER POLICY

Water-resources policy in Arkansas was established in the Arkansas Water Plan, 1991, in which the ANRC advocates conservation, education, and the conjunctive use of ground and surface water, along with the development of excess surface water to meet future water use needs. It is hoped that protection of the State's ground-water resources can be achieved through these measures rather than management strategies that may require allocation of water. If conservation and the development of excess surface water are not successfully implemented in the impaired areas in the very near future, the State will have to consider regulatory alternatives to preserve the aquifers at a sustainable level. All water-use strategies must consider the wise use of our State's water resources while protecting the sustainable yield of the State's aquifers. Stream flow needs of the State's surface-water flow system must also be taken into account if our water resources are to be protected for future generations to utilize and enjoy. Figure 3 illustrates this strategy of excess surface water use in the generalized hydrologic budget for Arkansas from the 2014 Arkansas Water Plan Update. The ANRC advocates that the State move toward a sustainable yield pumping strategy through conservation utilizing critical ground water area designation wherever needed to focus resources and minimize water-level declines. Designation as a Critical Ground Water Area brings about enhanced tax credits for conservation activities, focused educational programs, and sets the area as a priority for possible federal programs and funding.

Generalized Hydrologic Budget For Arkansas
2014 - 2050

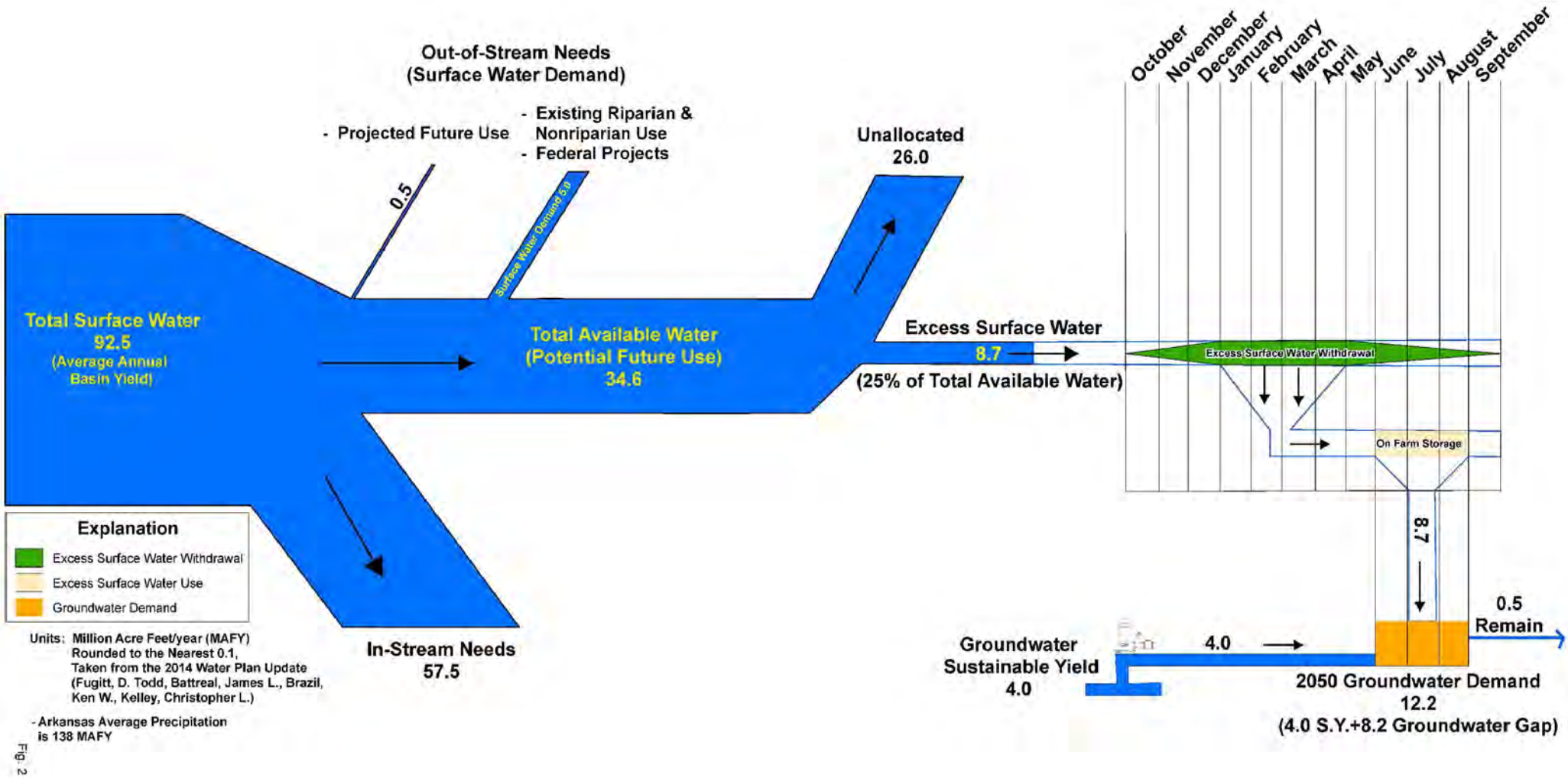
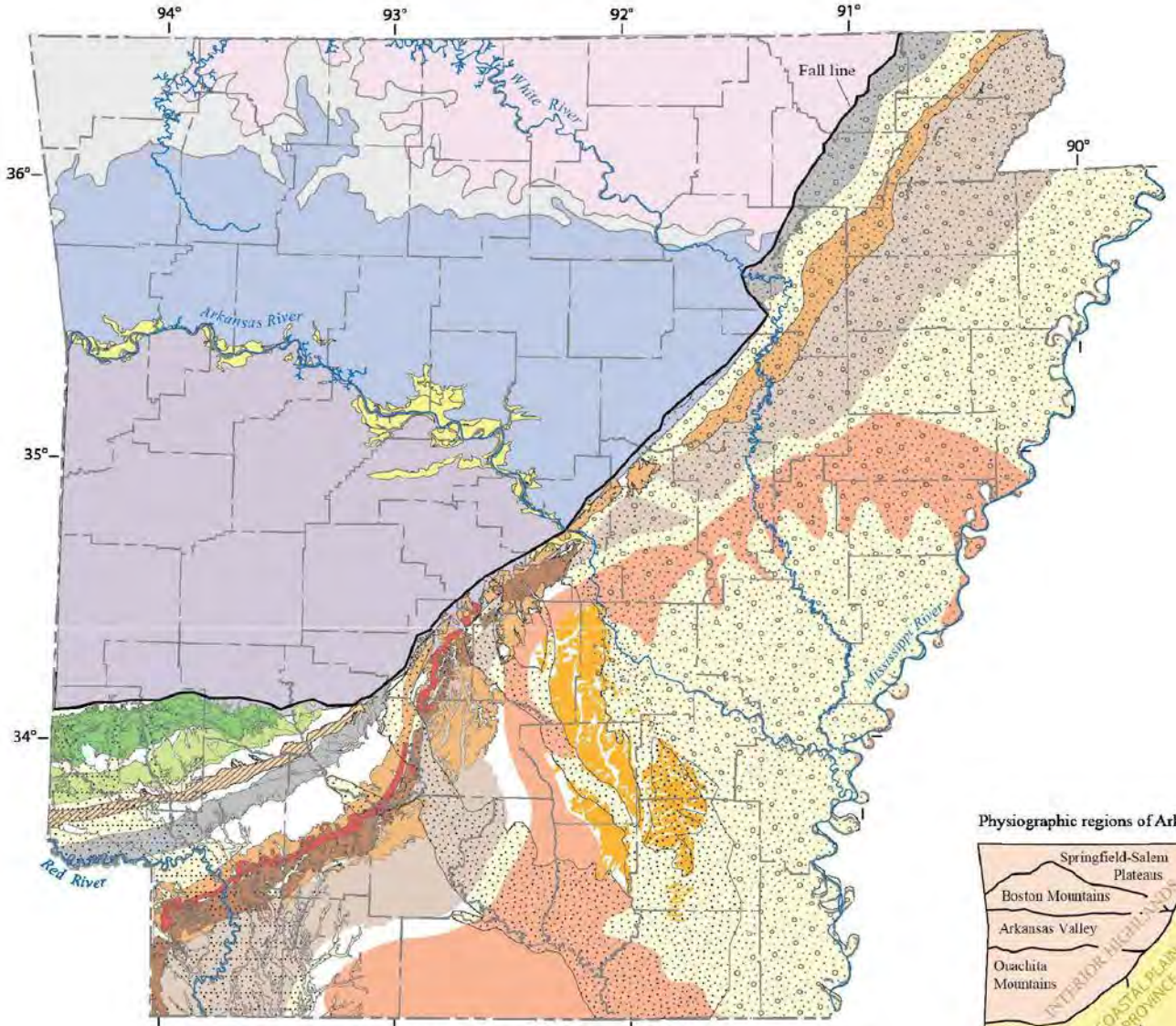


Fig. 2

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

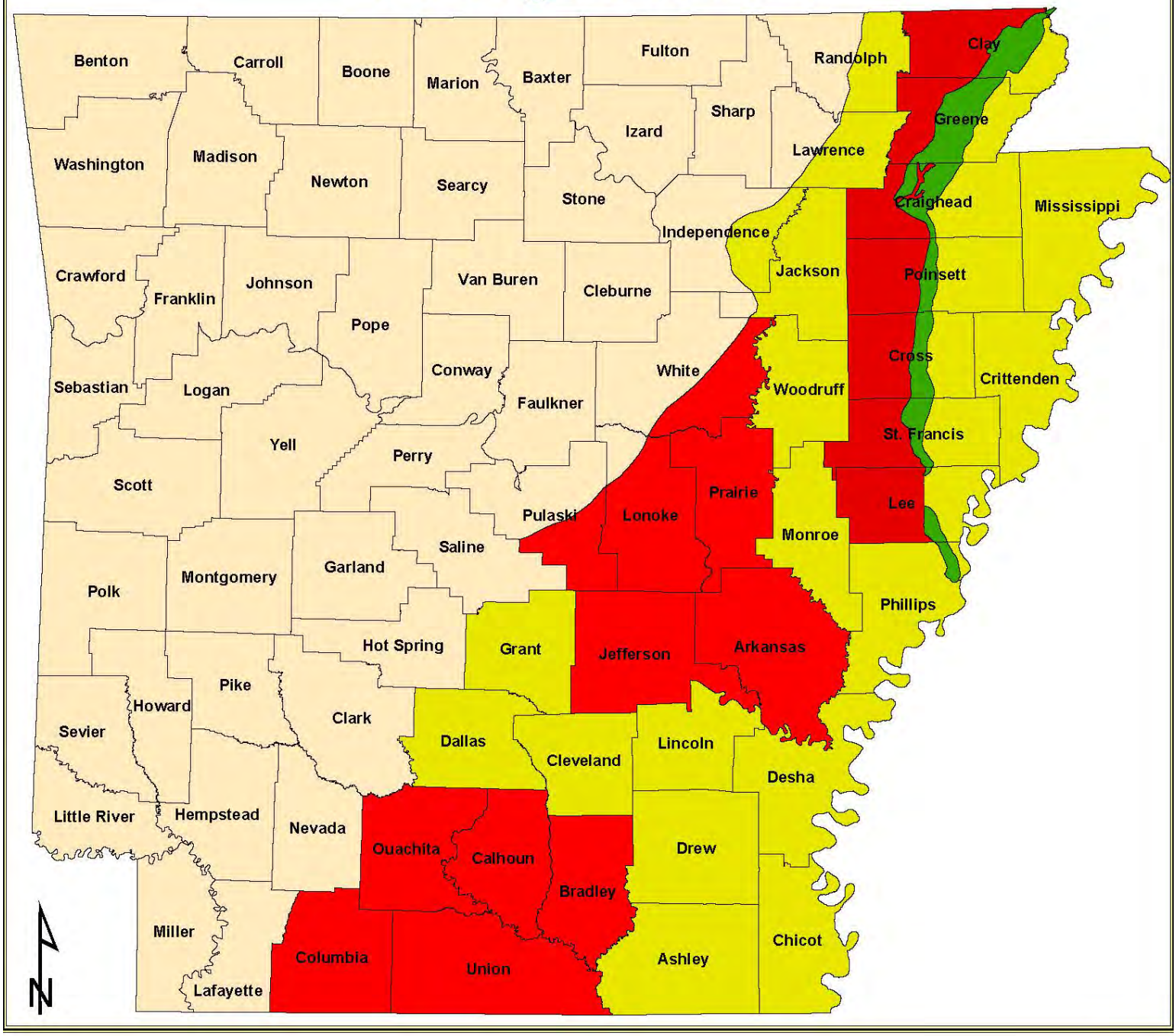
Alluvial Aquifer

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, 2014)

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 5 is an illustration of the 2014 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).

Critical Ground Water Designations



Legend

- Crowley's Ridge
- Current Study Areas
- Current Critical Areas
- County Boundary

South Arkansas Study Area for Sparta in 1996

Grand Prairie Study Area for Sparta & Alluvial in 1998

Cache Study Area for Sparta/Memphis Sand & Alluvial in 2009

0 12.5 25 50 75 100 Miles

Fig. 4

Alluvial Aquifer Depth to Water 2014, (Feet)

*Surface Created by
Natural Neighbor Interpolation
(ArcGIS 10.2/ Spatial Analyst Extension)
This map based on 505 data points, and the portions of counties not shaded indicate no well data collected in 2014

Alluvial Depth to Water

- 0 Ft. to 17 Ft.
- 18 Ft. to 30 Ft
- 31 Ft. to 44 Ft.
- 45 Ft. to 60 Ft.
- 61 Ft. to 76 Ft.
- 77 Ft. to 93 Ft.
- 94 Ft. to 112 Ft.
- 113 Ft. to 143 Ft.

N

0 10 20 40 60 Miles

Fig. 5

Percent of the Mississippi River Alluvial Aquifer Saturated at Specific Data Collection Sites, Spring 2014

Legend

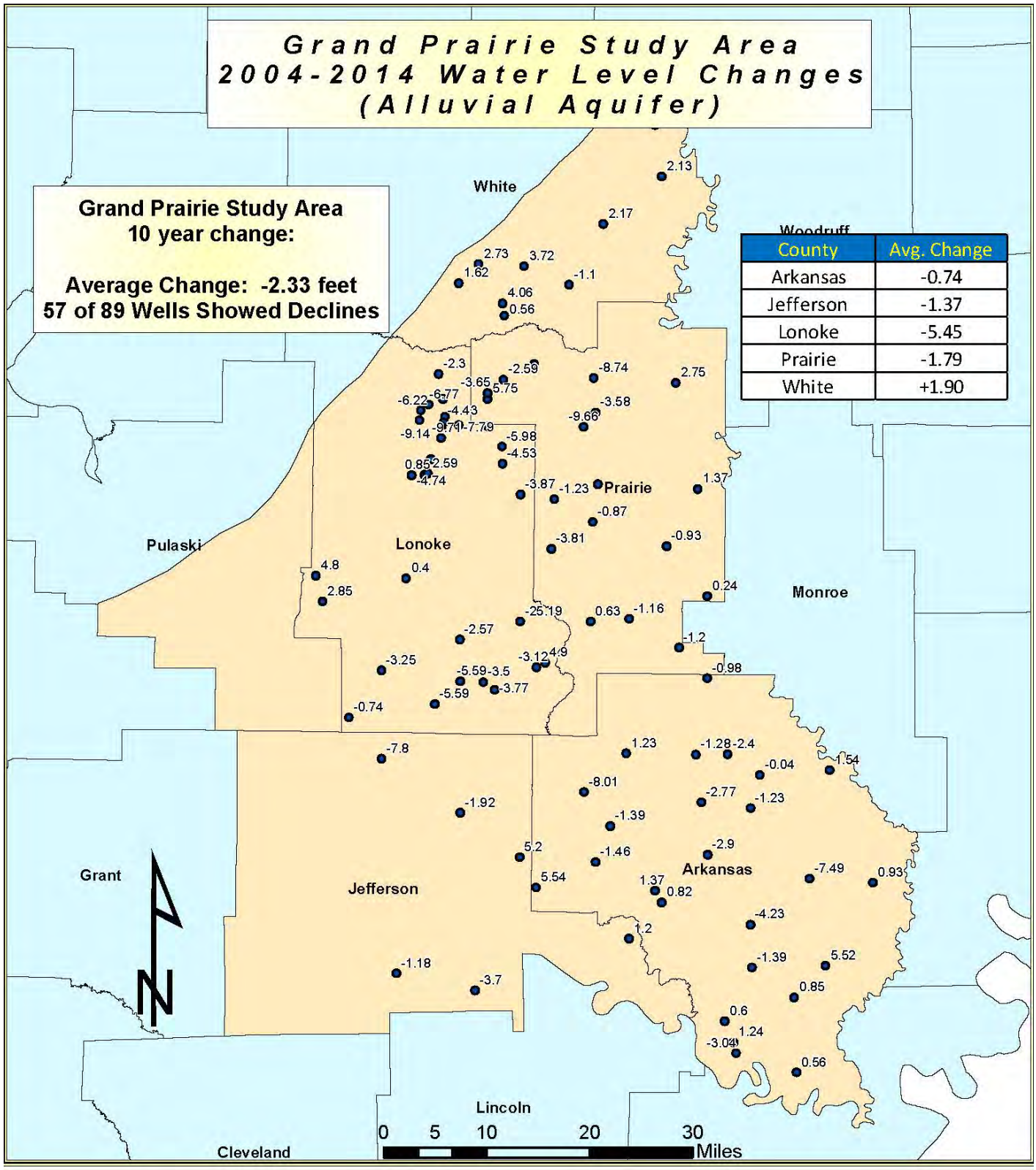
- 0 to 10%
- 10 to 20%
- 20 to 30%
- 30 to 40%
- 40 to 50%
- 50 to 60%
- 60 to 70%
- 70 to 80%
- 80 to 90%
- 90 to 100%

N

Based on USGS MERAS model aquifer thickness, and Spring 2014 water level measurements.

0 5 10 20 30 40 Miles

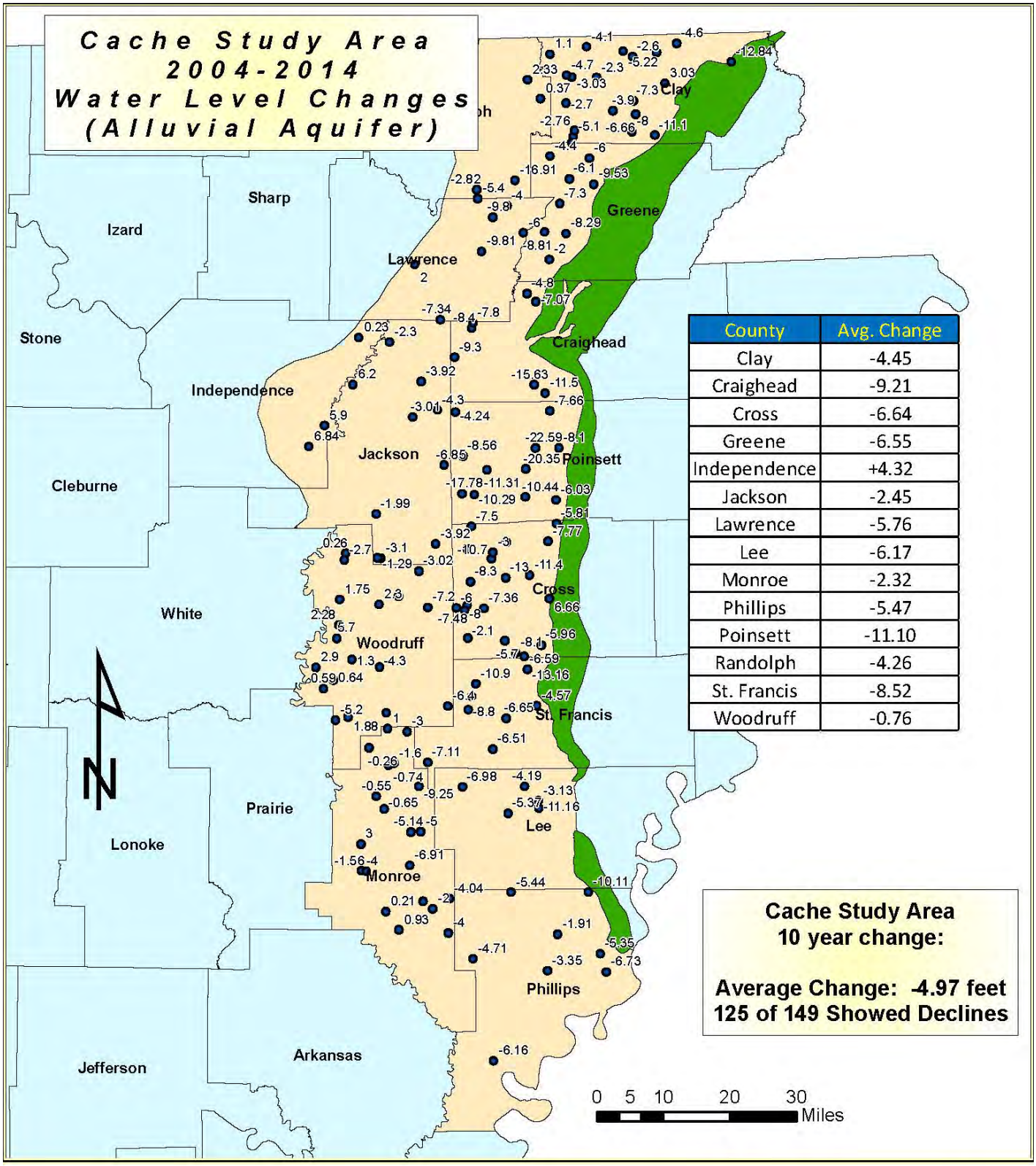
Fig. 6



Legend

- Wells
- Grand Prairie Study Area

Fig. 7



County	Avg. Change
Clay	-4.45
Craighead	-9.21
Cross	-6.64
Greene	-6.55
Independence	+4.32
Jackson	-2.45
Lawrence	-5.76
Lee	-6.17
Monroe	-2.32
Phillips	-5.47
Poinsett	-11.10
Randolph	-4.26
St. Francis	-8.52
Woodruff	-0.76

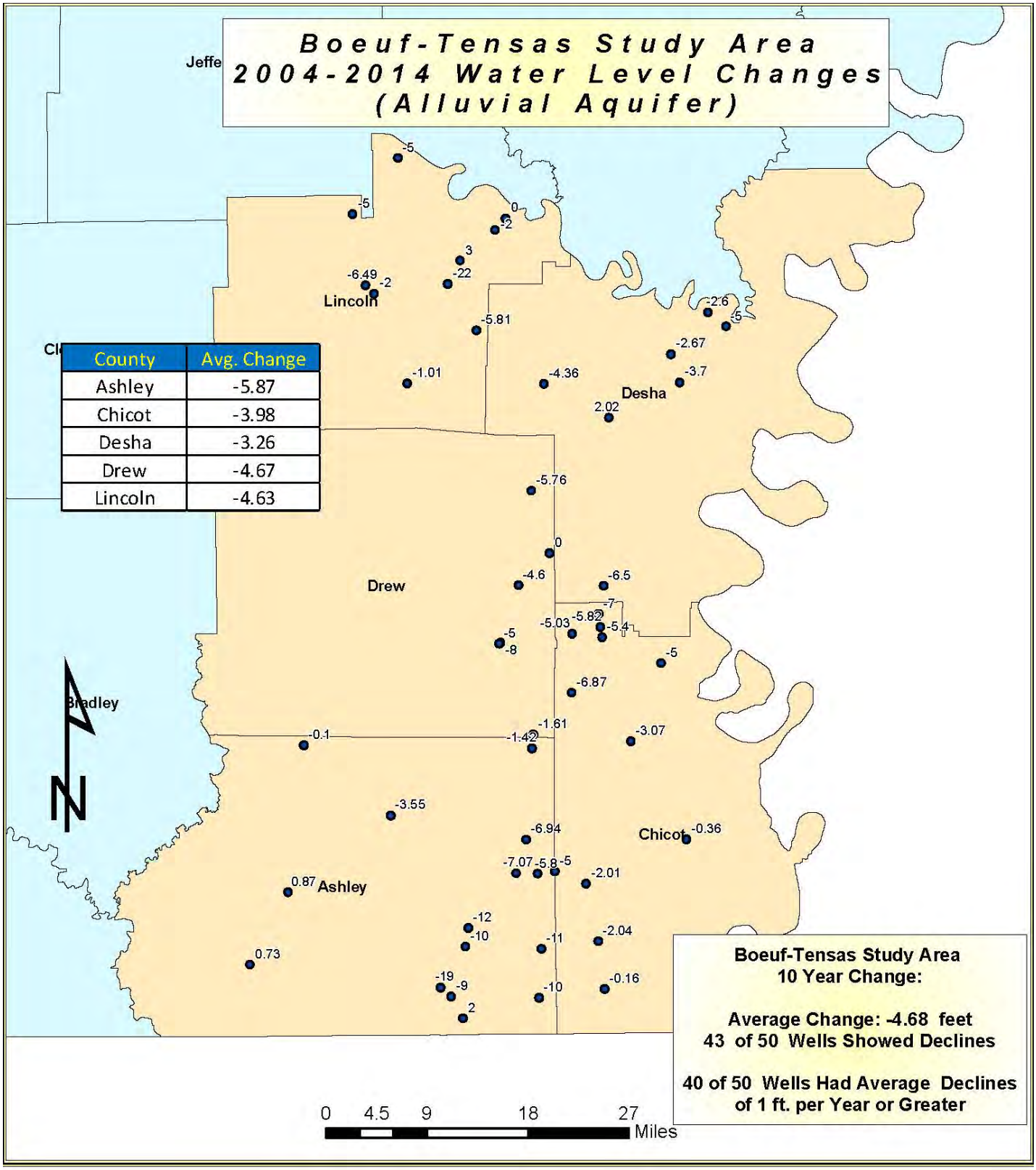
Cache Study Area
10 year change:

Average Change: -4.97 feet
125 of 149 Showed Declines

Legend

- Wells
- Crowleys Ridge
- Cache Study Area

Fig. 8



County	Avg. Change
Ashley	-5.87
Chicot	-3.98
Desha	-3.26
Drew	-4.67
Lincoln	-4.63

Legend

- Wells
- Beouf-Tensas Study Area

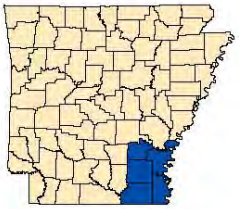
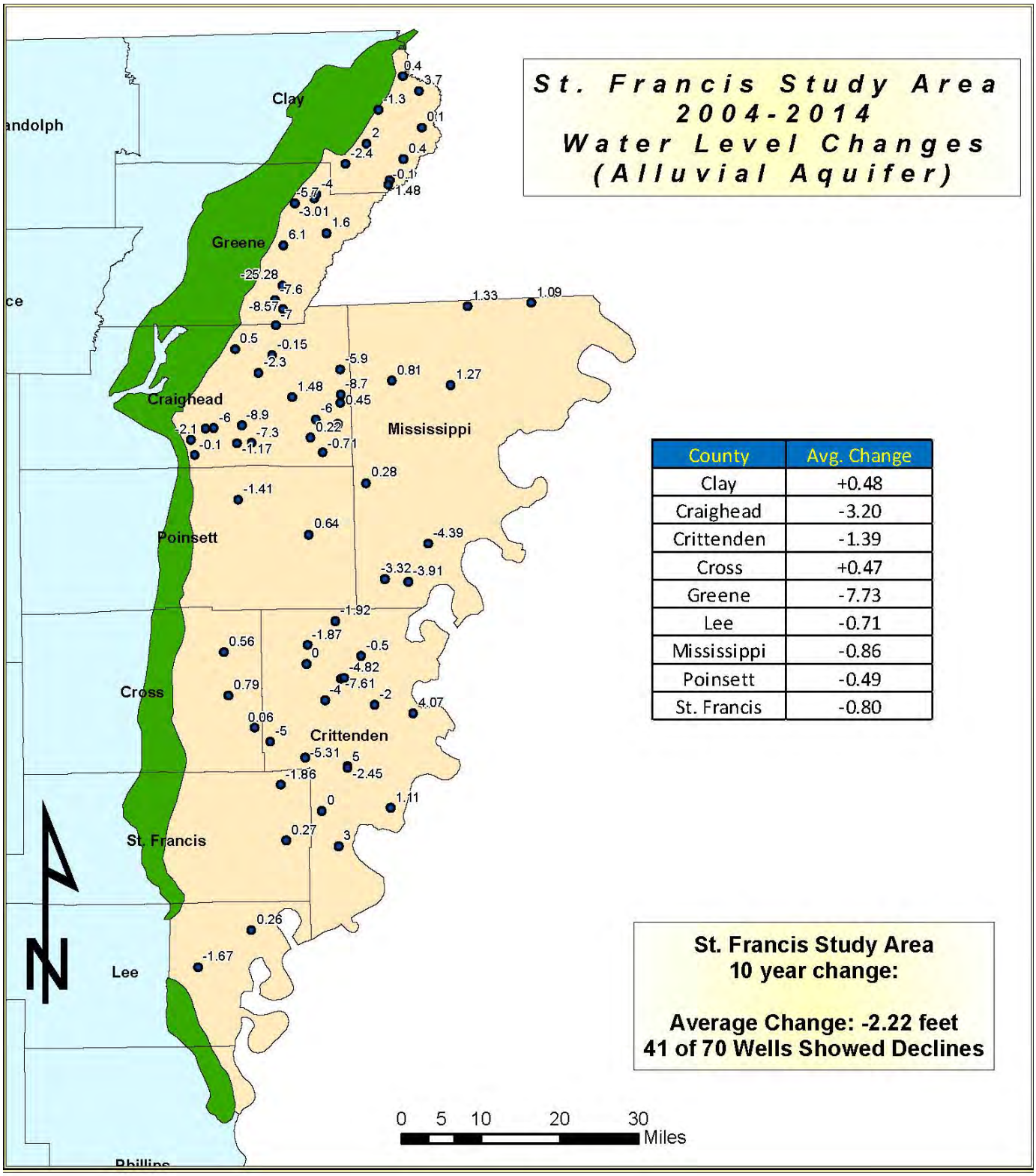


Fig. 9



County	Avg. Change
Clay	+0.48
Craighead	-3.20
Crittenden	-1.39
Cross	+0.47
Greene	-7.73
Lee	-0.71
Mississippi	-0.86
Poinsett	-0.49
St. Francis	-0.80

St. Francis Study Area
10 year change:

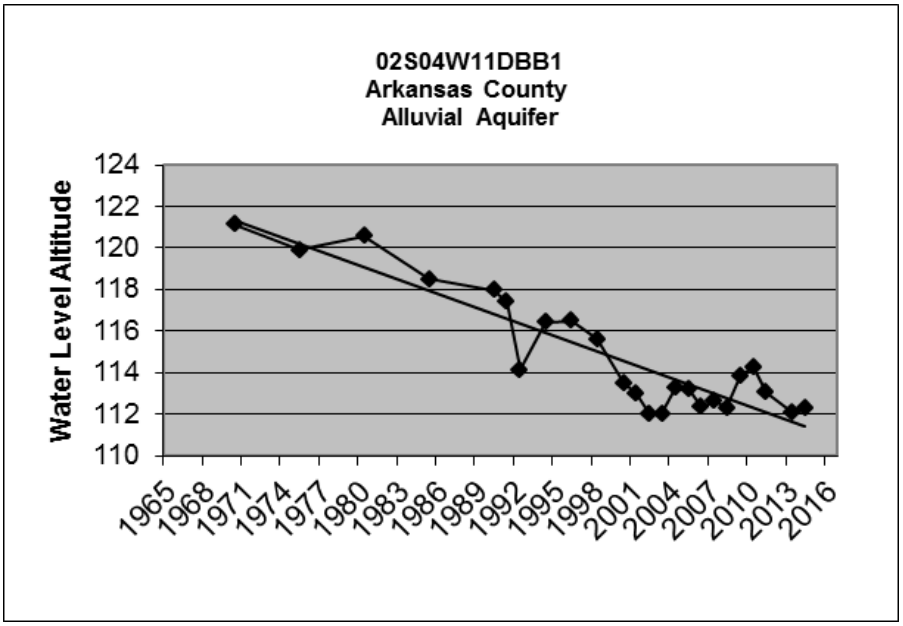
Average Change: -2.22 feet
41 of 70 Wells Showed Declines

Legend

- Wells
- Crowleys Ridge
- St. Francis Study Area

Fig. 10

There were 255 alluvial aquifer wells monitored for water-level change in both 2013 and 2014, out of these 113 (44.3%) had a decline in the static water level. The overall water-level average change was +0.16 ft. The 2013 precipitation for Arkansas was approximately 50.18 inches, which is above the statewide average of 49.19 inches. Of 303 alluvial aquifer wells monitored in both 2009 and 2014, 179 (59.1%) of these had declining static water levels. Over a 10-year period of time from 2004 to 2014, 265 of 359 wells (73.8%) monitored showed declines in the alluvial aquifer. The average change over the entire aquifer during the 2010-2011 monitoring period was +0.16 feet, the 5-year average change was -1.01 feet, and the 10-year average change was -3.72 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. 5) 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 period of spring 2013 to 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 210 water wells in the Sparta/Memphis aquifer throughout the south and east portions of Arkansas in 2013 and 2014. One hundred and two of those wells (48.6%) showed declines in the static water level. The average change over the entire aquifer during the 2013-2014 monitoring period was +0.64 feet. During the monitoring period from 2009 to 2014, 229 wells were monitored for water-level change, with 95 of these wells (41.5%) showed a decline in static water levels. During the 10-year monitoring period, 187 wells were monitored with 82 (43.9%) 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 2002 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 2014. 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 +35.28 feet from 2004 to 2014. The surrounding counties in the South Arkansas Study Area have also all seen an average rise in water levels during this time with Bradley County having an average change of 5.61, Calhoun +8.09, Columbia 2.94, and Ouachita +3.72 feet respectively. (Fig.14)

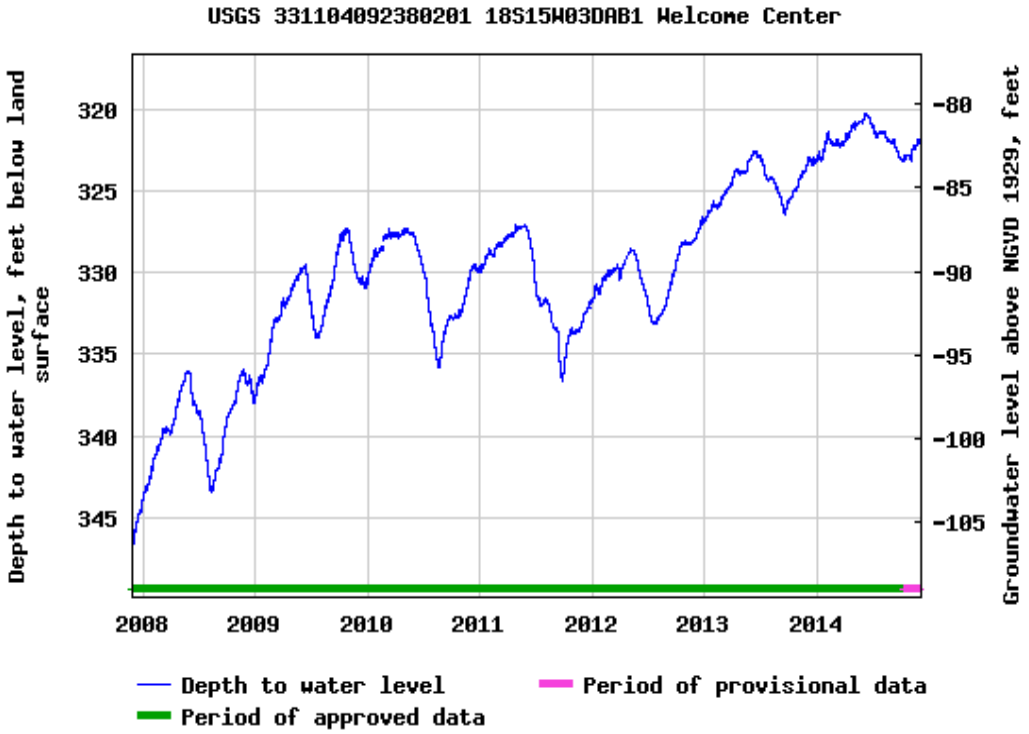
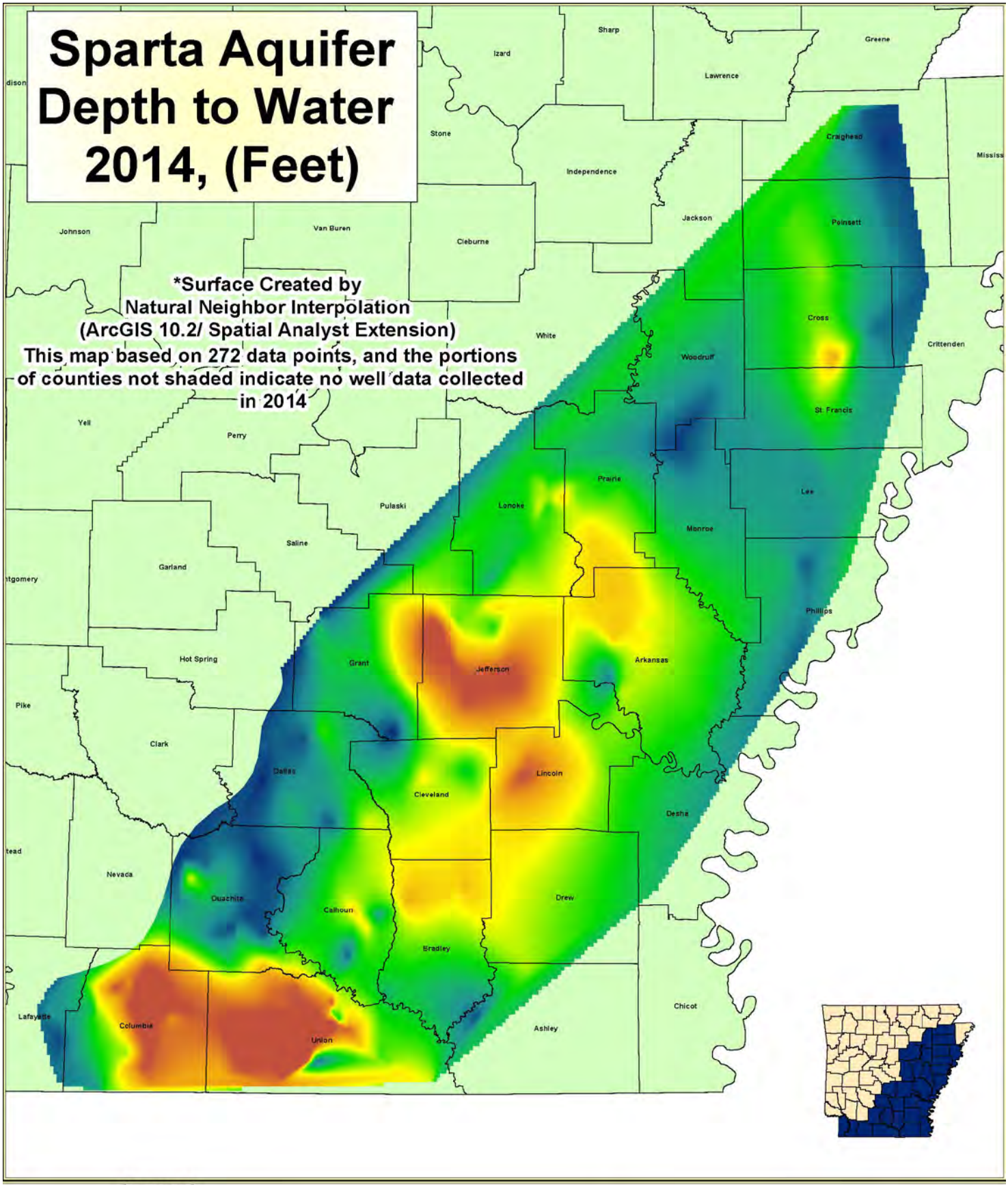


Table 2

Sparta Aquifer Depth to Water 2014, (Feet)

*Surface Created by Natural Neighbor Interpolation (ArcGIS 10.2/ Spatial Analyst Extension) This map based on 272 data points, and the portions of counties not shaded indicate no well data collected in 2014



Legend

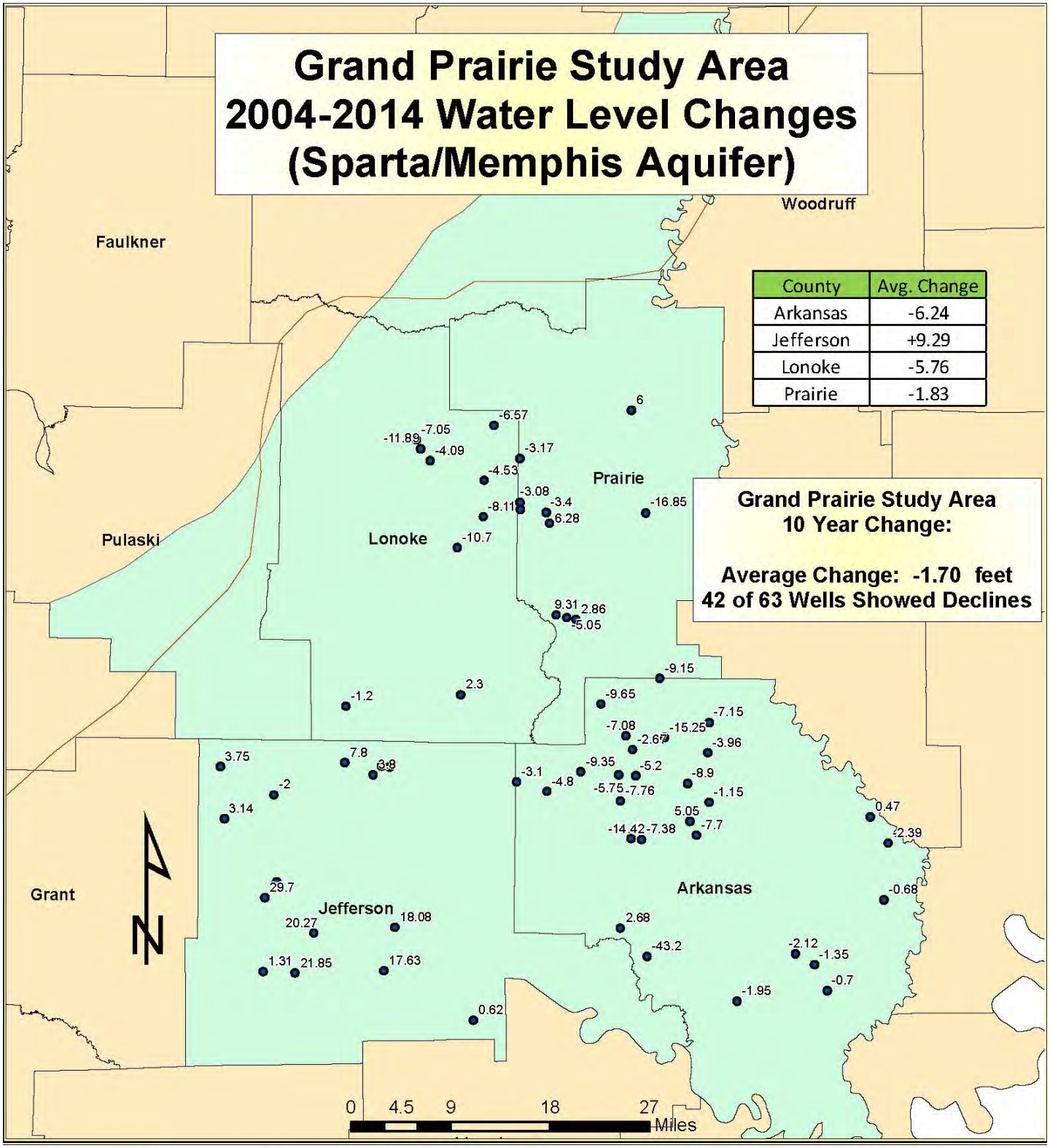
Depth to Water Feet

- 7 to 46
- 47 to 80
- 81 to 113
- 114 to 145
- 146 to 183
- 184 to 226
- 227 to 276
- 277 to 381

N

0 10 20 40 60 Miles

Fig.11

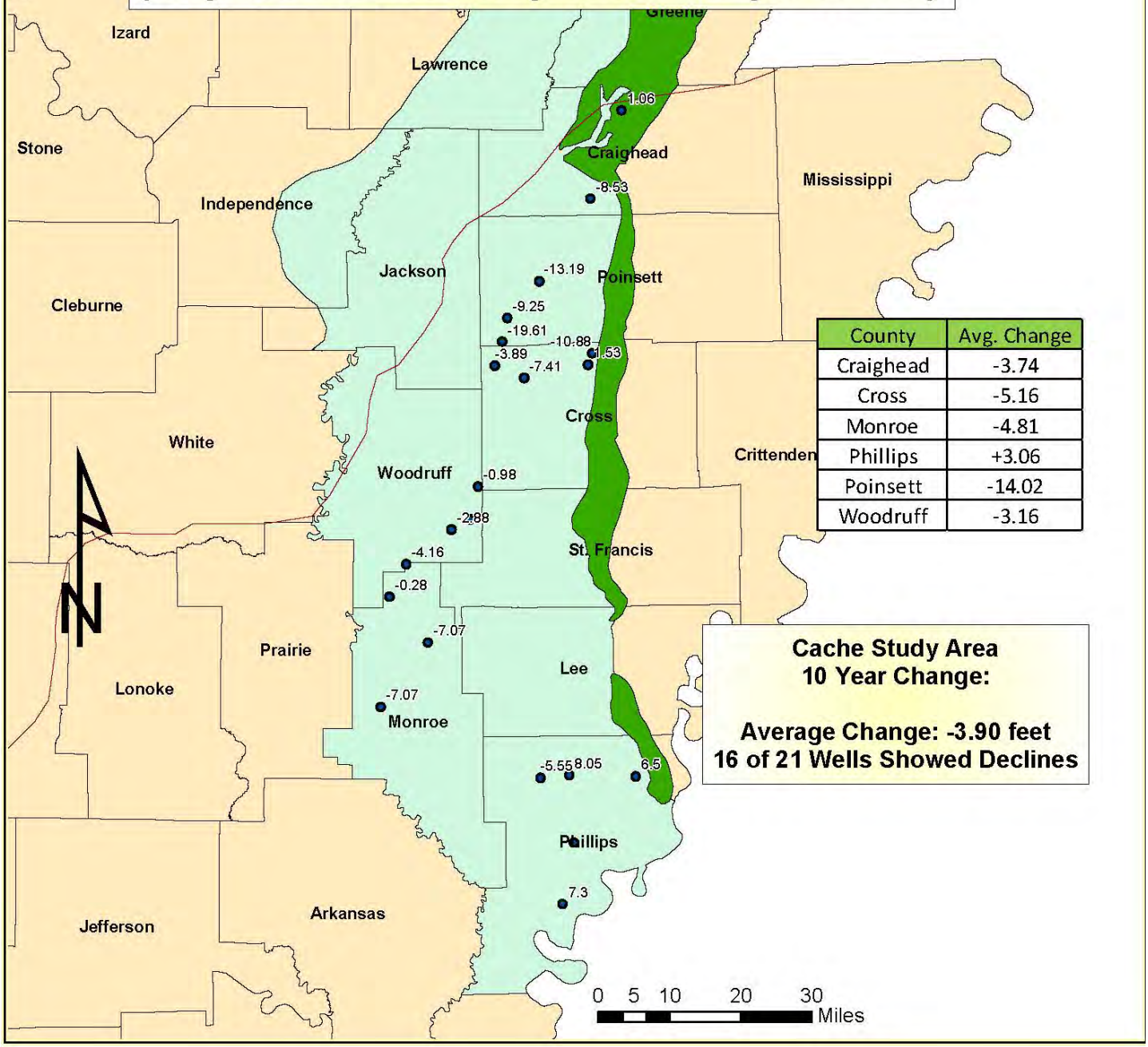


Legend

- Wells
- Sparta Boundary
- Grand Prairie Study Area

Fig. 12

Cache Study Area
2004-2014
Water Level Changes
(Sparta/Memphis Aquifer)



County	Avg. Change
Craighead	-3.74
Cross	-5.16
Monroe	-4.81
Phillips	+3.06
Poinsett	-14.02
Woodruff	-3.16

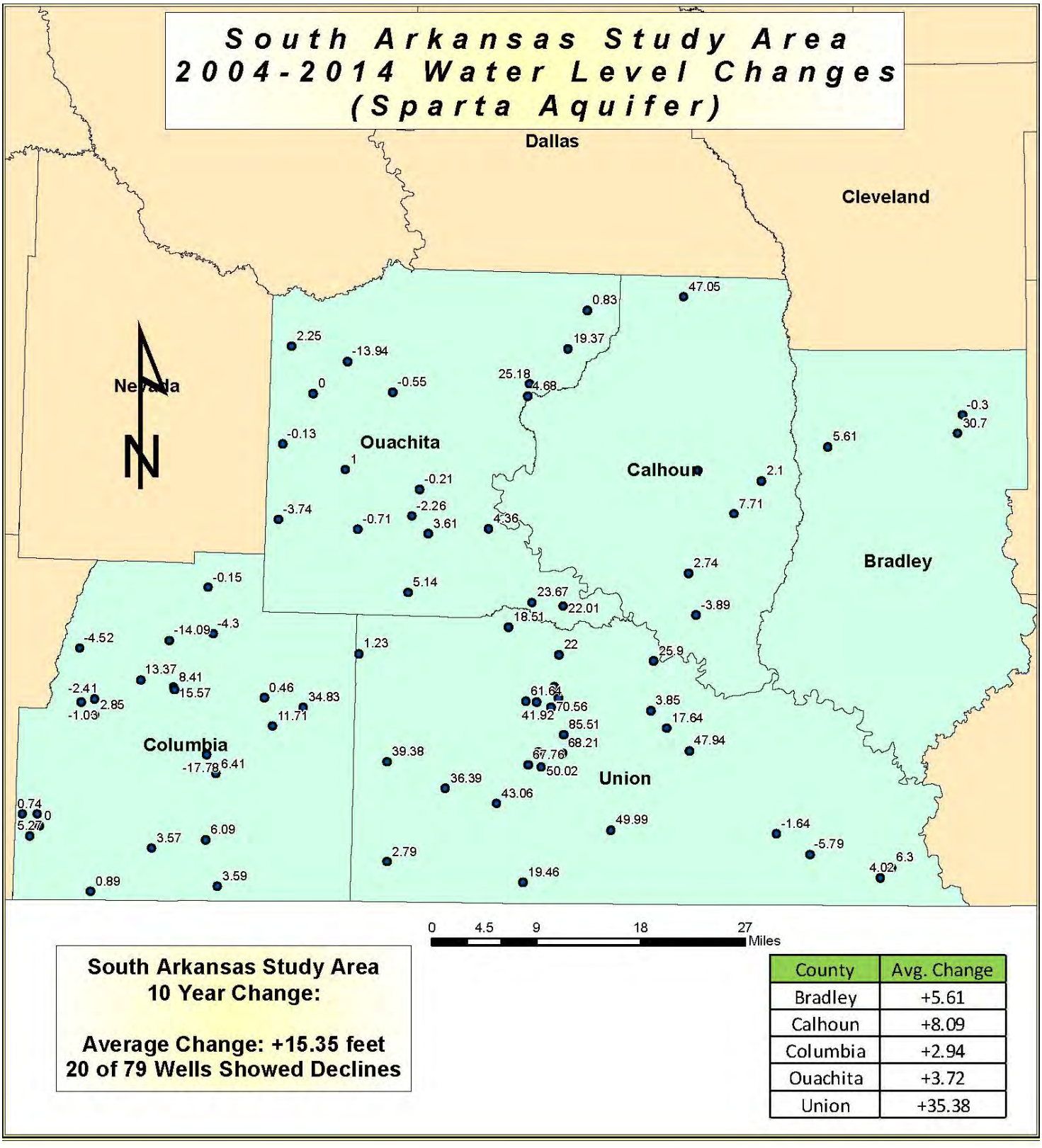
Cache Study Area
10 Year Change:

Average Change: -3.90 feet
16 of 21 Wells Showed Declines

Legend

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

Fig. 13



South Arkansas Study Area
10 Year Change:

Average Change: +15.35 feet
20 of 79 Wells Showed Declines

County	Avg. Change
Bradley	+5.61
Calhoun	+8.09
Columbia	+2.94
Ouachita	+3.72
Union	+35.38

Legend

- Wells
- South Arkansas Study Area

Fig. 14

Nacatoch and Tokio Aquifers

During the spring of 2011 and the spring of 2014 the USGS studied the Nacatoch Sand and Tokio Formation aquifers. The Nacatoch Sand and the Tokio Formation are both utilized in Sevier, Little River, Howard, Pike, Hempstead, Nevada and Clark counties in southwest Arkansas. The Nacatoch Sand is also utilized as an aquifer in Greene and Clay counties in northeast Arkansas.

The monitoring wells in the Nacatoch Aquifer in southwest Arkansas showed an average change of -0.93 feet from 2011 to 2014. During this monitoring period there were 29 wells where data was collected with 12 of these (41.4%) showing a decline. These changes ranged from +1.38 feet in Clark County, to -4.78 feet in Little Rover County. During this monitoring period Nevada County had an average change of +0.08 feet, Miller County -0.70 feet, and Hempstead County -0.62 feet respectively. All the monitoring data for the Nacatoch Aquifer with specific data points is attached as Appendix C.

Monitoring wells located in the Tokio Formation also showed fluctuations in the potentiometric surface that may be associated with changing water demands from the aquifer. A long-term USGS monitoring well in this formation showed an average change of -3.8 feet from 1971 to 2008. (Schrader and Blackstock 2010)

During the monitoring period from 2011 to 2014 there were 41 wells in the Tokio Aquifer where data was collected. Of these 21 (51.2%) showed an average decline. The average change of all wells monitored was +0.16 feet. The average changes for each county monitored was; Clark +1.28 feet, Hempstead -3.14 feet, Howard +2.47 feet, Miller -0.28 feet, Pike +0.21 feet, and Sevier +0.41 feet respectively. The data collected is attached as Appendix D.

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

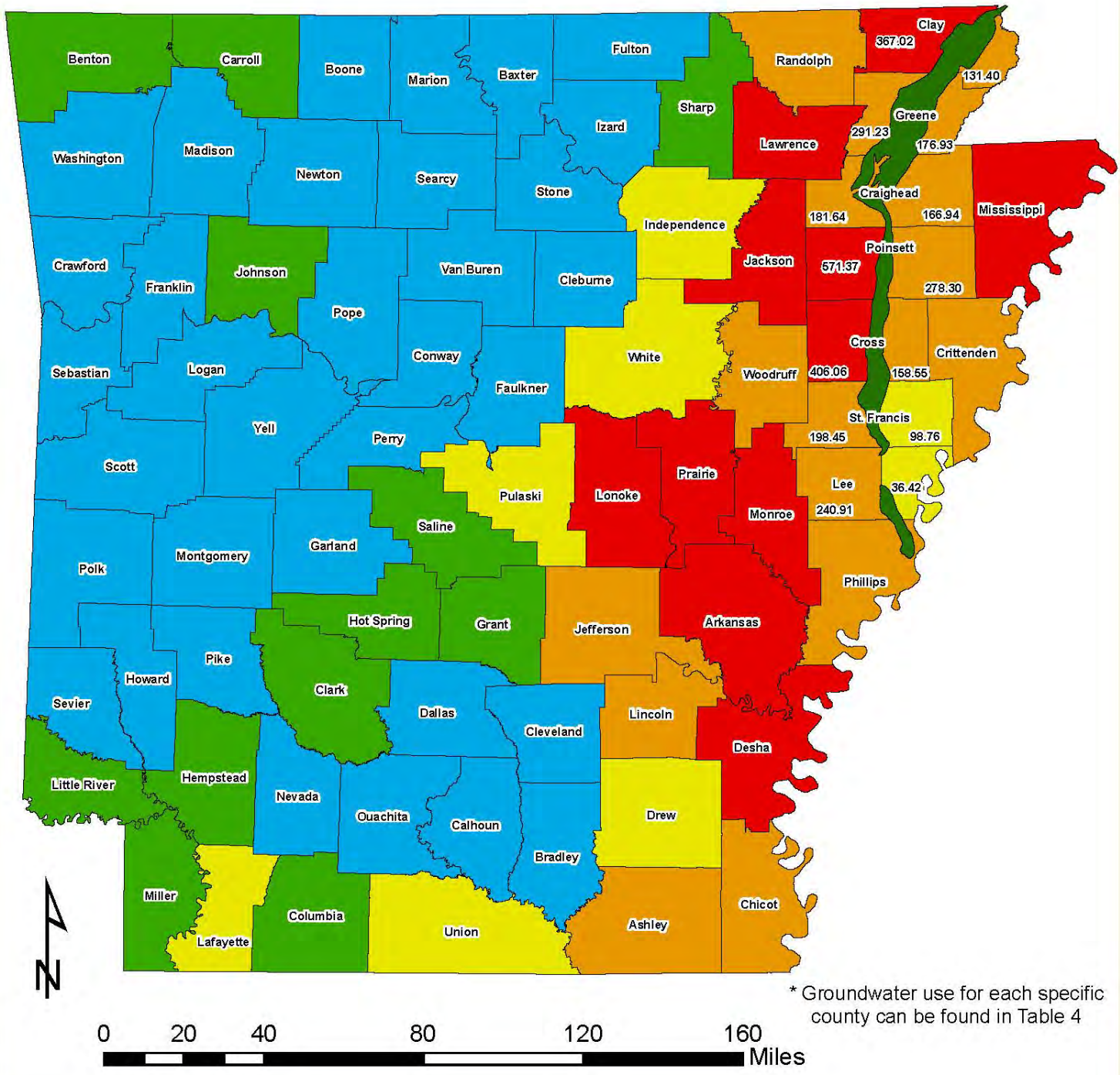
In 2014 an estimated 8,302.81 million gallons per day (Mgal/d) of water were reported to be withdrawn from the State's aquifers. The greatest reported volume is pumped from the alluvial aquifer and used primarily for irrigation. The counties that reported the largest groundwater withdrawals from the 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 15 shows the quantity of ground water use for each county in Arkansas as reported.

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



* Groundwater use for each specific county can be found in Table 4

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

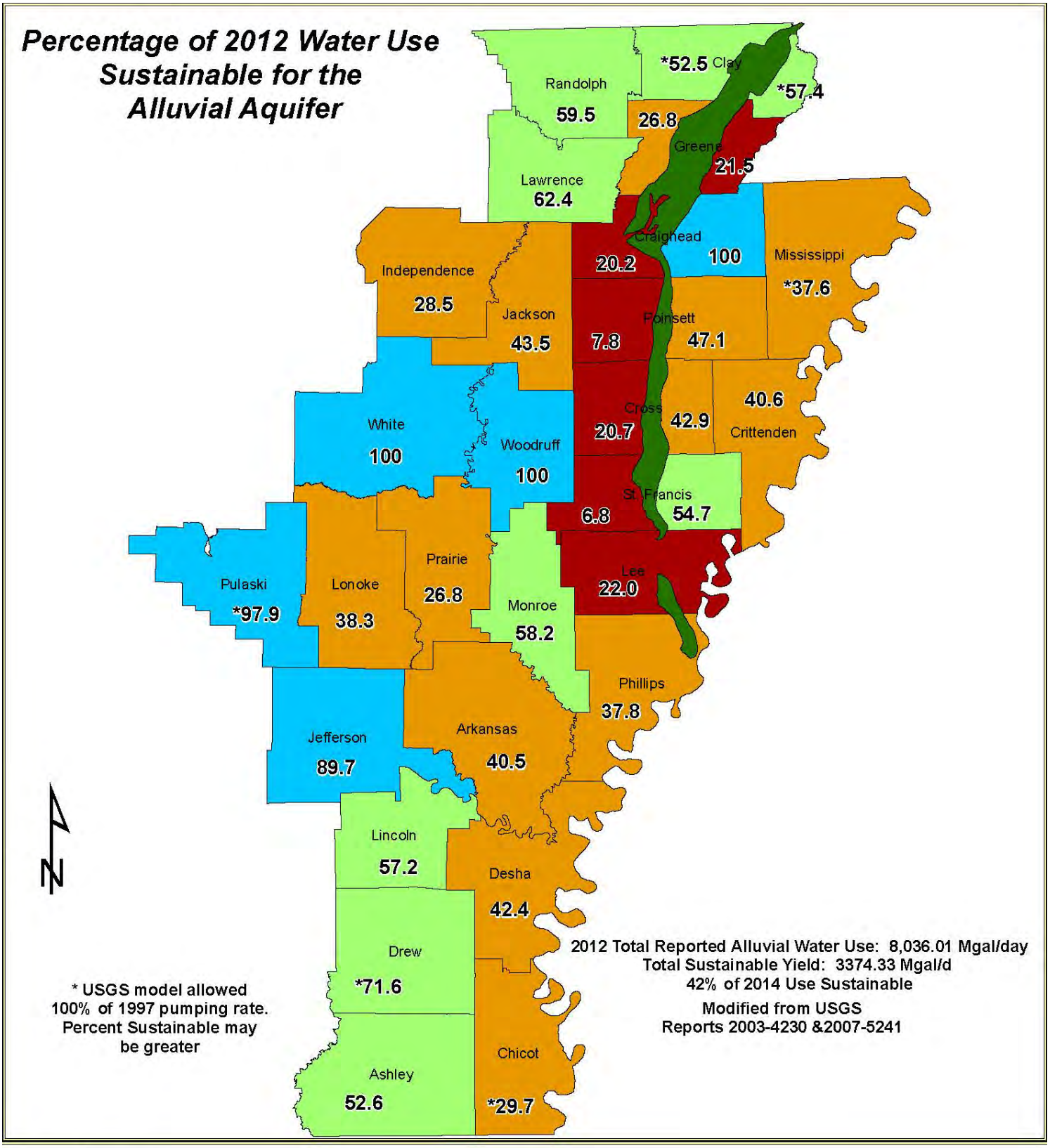
Total Use (Mgal/day): 8,302.81

***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.

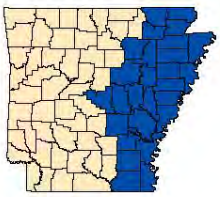
Fig. 15

Percentage of 2012 Water Use Sustainable for the Alluvial Aquifer



Legend

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



0 15 30 60 90 120 Miles

Fig. 16

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**

Table 3.

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	0	0.00	0	0.00	0
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	0.80	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	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	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	0.01	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	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	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**	**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	0.27	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		
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		
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		
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**	**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	0.59	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		
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	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	0.49	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 2014 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, the USGS, and the Arkansas Geological Survey (AGS).

Spring water level measurements from 2013 to 2014 provided short term data indicating an overall average increase in water levels. The overall change in the alluvial aquifer for spring 2013 to spring 2014 was +0.16 feet with 44.3 percent of measured wells showing a water-level decline. Over the same time period the Sparta aquifer had an average change of +0.64 feet. The water levels in the Cache Study area had an average change of -3.90 feet in the Sparta/Memphis Aquifer from 2004 to 2014. 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

2004, 2009, 2013, 2014 Water Level Change

County	Station ID	Latitude	Longitude	Date Measured	14 DTW	Aq Thickness	Saturated, ft	%Saturated	13 DTW	09 DTW	04 DTW	Δ'13-'14	Δ'09-'14	Δ'04-'14
Arkansas	02S04W11DBB1	343232.89	912415.21	4/10/2014	100.76	145.3	44.5	30.65	100.95	100.2	99.78	0.19	(0.56)	(0.98)
Arkansas	03S02W27ABB1	342447.92	911251.01	4/8/2014	64.04	155.6	91.6	58.84	64.20	64.1	65.58	0.16	0.06	1.54
Arkansas	03S03W05CCD1	342737.02	912131.83	4/7/2014	100.25	128.9	28.7	22.23	100.42	98.1	97.85	0.17	(2.15)	(2.40)
Arkansas	03S03W18CCC1	342553	912251	1/29/2014	103.35	116.5	13.2	11.29	100.94	102		(2.41)	(1.35)	
Arkansas	03S03W27BBC1	342454.73	911944.08	4/7/2014	90.87	134.0	43.1	32.19	95.75	92.7	90.83	4.88	1.83	(0.04)
Arkansas	03S04W03DCA16	342753.04	912515.37	1/17/2014	101.65	126.5	24.9	19.64	101.29	101.87	100.37	(0.36)	0.22	(1.28)
Arkansas	03S05W03CCC1	342752.15	913227.43	4/7/2014	103.64						104.87			1.23
Arkansas	03S05W13CBA2	342630	913007	3/5/2014	106.83	130.5	23.7	18.14	106.79	109.71		(0.04)	2.88	
Arkansas	03S05W24DAA1	342525.17	912921.98	4/10/2014	64.27					59			(5.27)	
Arkansas	03S06W35ADD1	342411.4	913651.67	4/10/2014	59.99					54.1	51.98		(5.89)	(8.01)
Arkansas	04S03W17ADD1	342101.87	912058.11	4/8/2014	108.31	154.7	46.4	29.99	110.25	108.9	107.08	1.94	0.59	(1.23)
Arkansas	04S04W02ABB1	342313.2	912423.69	4/8/2014	111.31	142.9	31.6	22.11	111.36	110.2	108.54	0.05	(1.11)	(2.77)
Arkansas	04S04W35ABC1	341835	912437	4/20/2014	106.4						103.5			(2.90)
Arkansas	04S05W16CDC1	342044.68	913320.89	4/10/2014	71.97						70.58			(1.39)
Arkansas	05S01W16BAB1	341551.59	910729.49	4/8/2014	48.68	152.7	104.0	68.12	50.08	47.7	49.61	1.40	(0.98)	0.93
Arkansas	05S02W16ABD1	341551.84	911357.77	4/10/2014	86.85						79.36			(7.49)
Arkansas	05S03W09CBA1	341624	912046	4/8/2014	115.46	167.9	52.4	31.23	115.66	114.94		0.20	(0.52)	
Arkansas	05S04W07CCC1	341555.36	912931.61	4/10/2014	73.83	176.4	102.6	58.15	73.49	74	75.2	(0.34)	0.17	1.37
Arkansas	05S04W32BBA1	341315.97	912821.81	4/9/2014	57.21	173.0	115.8	66.93	55.83	63.2	58.03	(1.38)	5.99	0.82
Arkansas	05S06W02DDD1	341723.66	913650.8	4/10/2014	21.94					23.1	20.48		1.16	(1.46)
Arkansas	05S06W07DDC1	341641.5	914129.68	4/10/2014	-2.76					5.1	2.78		7.86	5.54
Arkansas	06S02W23DCD1	340852.62	911206.48	4/9/2014	62.65	170.0	107.4	63.15	62.4	61	68.17	(0.25)	(1.65)	5.52
Arkansas	06S03W10BBA1	341135.97	911953.82	4/9/2014	86.65	178.1	91.5	51.35	83.4	81	82.42	(3.25)	(5.65)	(4.23)
Arkansas	06S03W27AAA1	340857.58	911912.78	4/9/2014	68.11	173.1	105.0	60.65	71.15	68.1	66.72	3.04	(0.01)	(1.39)
Arkansas	07S02W17BBA1	340529.84	911538.62	4/9/2014	51.38	164.3	112.9	68.73	51.13	51.3	52.23	(0.25)	(0.08)	0.85
Arkansas	07S03W18CCD1	340435.28	912316.09	4/9/2014	42.48	142.1	99.6	70.11	41.19	41.5	43.08	(1.29)	(0.98)	0.60
Arkansas	07S03W32BBC1	340240	912216	4/9/2014	24.26	154.1	129.8	84.26	24.09	27.1	25.5	(0.17)	2.84	1.24
Arkansas	07S04W01DDD1	340625.25	912327.15	4/9/2014	25.75	145.8	120.1	82.34	23.4			(2.35)		
Arkansas	08S02W08ACA1	340041.03	911505.57	4/9/2014	41.67	146.2	104.5	71.50	42.55	47	42.23	0.88	5.33	0.56
Arkansas	08S03WT2299	340147.45	912202.5	4/9/2014	24.66	162.1	137.4	84.79	24.5	19.7	21.62	(0.16)	(4.96)	(3.04)
							Avg % Saturated	50.29	Declines/ Wells			12/21	14/25	14/25
									Average Change			0.03	(0.09)	(0.74)
Ashley	15S04W23DBD1	332247.33	912851.91	4/7/2014	33.71					35.8	32.29		2.09	(1.42)
Ashley	15S04W26DCC1	332231.97	912902.22	4/7/2014	32.58	84.5	51.92	61.44	33.65		30.97	1.07		(1.61)
Ashley	15S07W21CBA1	332315.7	915001.37	3/31/2014	3.84				5.50	9	3.74	1.66	5.16	(0.10)
Ashley	16S06W25DDD1	331640	913958	3/31/2014	80.66				80.4	81.11		(0.26)	0.45	
Ashley	16S06W27BAB1	331729	914240	3/31/2014	86.75					85.5	83.2		(1.25)	(3.55)
Ashley	17S04W03ABB1	331528	913010	4/7/2014	35.91	159.9	123.99	77.54	36.45	33	28.97	0.54	(2.91)	(6.94)
Ashley	17S04W15DDC1	331252.48	912954.09	4/7/2014	32.25	187.9	155.65	82.84	34.57	32.4	26.45	2.32	0.15	(5.80)
Ashley	17S04W21ABA1	331252	913108	4/7/2014	28.44	188.2	159.76	84.89	29.8	29.2	21.37	1.36	0.76	(7.07)
Ashley	18S04W23DDD1	330658	912856	4/29/2014	33	155.2	122.2	78.74	35	28	22	2.00	(5.00)	(11.00)
Ashley	18S05W11CCD1	330841	913538	4/29/2014	28				28	28	16	0.00	0.00	(12.00)

Alluvial Aquifer

2004, 2009, 2013, 2014 Water Level Change

County	Station ID	Latitude	Longitude	Date Measured	14 DTW	Aq Thickness	Saturated, ft	%Saturated	13 DTW	09 DTW	04 DTW	Δ'13-'14	Δ'09-'14	Δ'04-'14
Ashley	18S05W22DDA1	330712	913555	4/29/2014	22	163.2	141.2	86.52	25	21	12	3.00	(1.00)	(10.00)
Ashley	18S08W01AAB1	331014.97	915225.12	3/31/2014	85.46					87	86.33		1.54	0.87
Ashley	18S08W28DDD2	330624.8	915528.46	4/4/2014	84.8				85.2		85.53	0.40		0.73
Ashley	19S04W14BBB1	330310	912913	4/29/2014	30	142.6	112.6	78.96	33	31	20	3.00	1.00	(10.00)
Ashley	19S05W08ACA1	330405	913815	4/29/2014	30				20	17	11	(10.00)	(13.00)	(19.00)
Ashley	19S05W16ABB1	330323	913718	4/29/2014	28	141.1	113.1	80.16	35	26	19	7.00	(2.00)	(9.00)
Ashley	19S05W22DCD1	330139	913615	4/29/2014	18	126.6	108.6	85.78	29	26	20	11.00	8.00	2.00
Ashley	19S06W07BCC1	330403.56	914607.92	4/4/2014	31.45				32.7	31.5		1.25	0.05	
Ashley	16S06W08CAA1	331941.34	914438.26	3/31/2014	77.83					78			0.17	
							Avg % Saturated	79.65	Declines/ Wells			2/15	6/17	13/16
									Average Change			1.62	(0.34)	(5.87)
Chicot	13S03W27AAA1	333253	912310	5/15/2014	50	86.2	36.2	42.00	50	47	43	0.00	(3.00)	(7.00)
Chicot	13S03W34BAA1	333110.24	912539.38	4/7/2014	44.8	74.0	29.2	39.46	43.26	47	39.77	(1.54)	2.20	(5.03)
Chicot	13S03W34CAA1	333135.52	912335.8	4/7/2014	42.34						36.52			(5.82)
Chicot	13S03W35BAC1	333154.05	912245.53	4/7/2014	44.27	80.5	36.23	45.01	43.11	42.5	38.87	(1.16)	(1.77)	(5.40)
Chicot	14S02W09BDD1	332859	911729	5/15/2014	34	89.6	55.6	62.05	31	29	29	(3.00)	(5.00)	(5.00)
Chicot	14S03W07BBD1	333011.09	912620	4/7/2014	32.6	90.5	57.9	63.98	32.77	27.62		0.17	(4.98)	
Chicot	14S03W32CDB2	332613.47	912551.45	4/7/2014	41.8					39.6	34.93		(2.20)	(6.87)
Chicot	15S02W20DDC1	332226.59	911919.83	4/8/2014	33.07	104.2	71.13	68.26	32	31.7	30	(1.07)	(1.37)	(3.07)
Chicot	16S03W15DAD1	331818	912334	4/8/2014	33.46	108.3	74.84	69.10	31.9			(1.56)		
Chicot	17S01W06BCC1	331501.18	911505.22	4/8/2014	22.53	139.3	116.77	83.83	23.15	21.8	22.17	0.62	(0.73)	(0.36)
Chicot	17S03W18CBC1	331257	912736	5/15/2014	38	174.0	136	78.16	38	34	33	0.00	(4.00)	(5.00)
Chicot	17S03W28DBA1	331126.59	912441.42	4/8/2014	26.62						24.61			(2.01)
Chicot	18S03W22ABA2	330728	912341	4/8/2014	14.57	146.0	131.43	90.02		16	12.53		1.43	(2.04)
Chicot	19S03W14ABB1	330304.47	912250.69	4/8/2014	23.08						22.92			(0.16)
							Avg % Saturated	64.19	Declines/ Wells			5/9	8/10	12/12
									Average Change			(0.84)	(1.94)	(3.98)
Clay	18N08E03DAB1	361323.23	901153.03	5/15/2014	5.36	129.2	123.84	95.85	6.15	7.8	6.84	0.79	2.44	1.48
Clay	18N08E11BAA1	361253	901117	1/27/2014	6.9					6	6.8		(0.90)	(0.10)
Clay	19N04E19BAA1	361649	904125	1/28/2014	26.6	138.3	111.7	80.77	24.4	22.5	21.5	(2.20)	(4.10)	(5.10)
Clay	19N05E15BBD1	361716	903152	1/28/2014	40.5	130.0	89.5	68.85	46.9	35	32.5	6.40	(5.50)	(8.00)
Clay	19N06E18DBC1	361642	902815	1/30/2014	43.6					39.1	32.5		(4.50)	(11.10)
Clay	20N03E25BAA1	362112	904225	1/28/2014	24.5	141.4	116.9	82.67	15.1		21.8	(9.40)		(2.70)
Clay	20N04E06BB1	362444.34	904131.25	5/15/2014	21.23	137.0	115.77	84.50	22.7		18.2	1.47		(3.03)
Clay	20N05E30CAC1	362003	903454	1/28/2014	20.8	124.9	104.1	83.35	19.9	17.5	16.9	(0.90)	(3.30)	(3.90)
Clay	20N08E24DDA1	362057.1	900933.58	5/15/2014	5.55									
Clay	20N09E33DDC1	361904	900628	1/27/2014	6.8	106.7	99.9	93.63	6.1	6	6.9	(0.70)	(0.80)	0.10
Clay	21N03E15CBC1	362738	904453	1/28/2014	11	142.6	131.6	92.29	10.8	9	12.1	(0.20)	(2.00)	1.10
Clay	21N05E22BAB1	362704	903132	1/28/2014	9.1					3.5	6.5		(5.60)	(2.60)
Clay	21N06E11BBB1	362839	902421	1/30/2014	16.5					11	11.9		(5.50)	(4.60)

Alluvial Aquifer

2004, 2009, 2013, 2014 Water Level Change

County	Station ID	Latitude	Longitude	Date Measured	14 DTW	Aq Thickness	Saturated, ft	%Saturated	13 DTW	09 DTW	04 DTW	Δ'13-'14	Δ'09-'14	Δ'04-'14
Clay	21N06E28BB1	362604.92	902607.97	5/15/2014	20.2	105.7	85.5	80.89	26	20.4	17.03	5.80	0.20	(3.17)
Clay	21N08E18CCC1	362650.9	901550.33	5/15/2014	43.71	111.9	68.19	60.94	45.25		30.87	1.54		(12.84)
Clay	21N09E31BDA1	362447	900851	1/27/2014	5	71.3	66.3	92.99	6.9	2	5.4	1.90	(3.00)	0.40
Clay	19N03E24AAA1	361654.99	904157.11	5/15/2014	20.94					23	18.18		2.06	(2.76)
Clay	19N04E19AAA1	361654.4	904049.99	5/15/2014	32.06					33.2	29.03		1.14	(3.03)
Clay	19N07E25BCB1	361519	901700	1/27/2014	19					11.7	16.6		(7.30)	(2.40)
Clay	19N08E08DCA1	361729	901402	1/27/2014	6					2.5	8		(3.50)	2.00
Clay	19N09E19CDC1	361539	900908	1/27/2014	7.1						7.5			0.40
Clay	20N04E03ADA1	362425	903725	1/28/2014	19.2						16.9			(2.30)
Clay	20N05E22CAD1	362118	903132	1/28/2014	34.3						27			(7.30)
Clay	20N05E34DBA1	361939.31	903117.17	5/15/2014	33.91					32.2	27.25		(1.71)	(6.66)
Clay	20N06E09BBA1	362327	902620	1/30/2014	24.6					21	27.63		(3.60)	3.03
Clay	20N08E22BDC1	362111	901220	1/27/2014	9.8					5.6	8.5		(4.20)	(1.30)
Clay	20N09E09ABC1	362306	900642	1/27/2014	4.3					3.6	8		(0.70)	3.70
Clay	21N03E36CDD1	362450	904214	1/28/2014	22.8					18	18.1		(4.80)	(4.70)
Clay	21N04E09DBC1	362828	903853	1/28/2014	15.1					10	11		(5.10)	(4.10)
Clay	21N05E17ABB1	362755.47	903328.9	5/15/2014	25.54					25.9	20.32		0.36	(5.22)
Clay	21N08E03CDB1	362848	901217	1/30/2014	25.6									
							Avg % Saturated	83.34	Declines/ Wells			5/11	18/23	21/29
									Average Change			0.41	(2.60)	(2.92)
Craighead	13N01E23CAB1	354430	905736	4/14/2014	70.8	92.7	21.9	23.62	71			0.20		
Craighead	13N04E12ABB1	354635	903656	5/14/2014	27	108.0	81	75.00	27.7		23.46	0.70		(3.54)
Craighead	13N05E22BAD1	354449	903243	5/14/2014	14.28					15	13.11		0.72	(1.17)
Craighead	13N05E24BAC1	354451	903045	4/14/2014	12.8					9.2	5.5		(3.60)	(7.30)
Craighead	13N06E21AAA1	354450	902701	4/14/2014	13.8									
Craighead	13N07E02CAB1	354642	901901	4/14/2014	6.1					10.8	5		4.70	(1.10)
Craighead	13N07E05ABB1	354716	902158	4/14/2014	11.5					4.5	5.5		(7.00)	(6.00)
Craighead	13N07E20BBA1	354439.77	902216.44	5/13/2014	3.68						3.9			0.22
Craighead	14N01E10BAB1	355204	905828	4/14/2014	58.5	100.8	42.3	41.96	58	57.5	50.1	(0.50)	(1.00)	(8.40)
Craighead	14N02E27AAA1	354915.7	905124.5	1/23/2014	86.37	106.9	20.53	19.20	86.1	84.7		(0.27)	(1.67)	
Craighead	14N06E06BAA1	355234	902934	4/15/2014	23.3					22.5	21		(0.80)	(2.30)
Craighead	14N06E27AAB1	354911.46	902559.08	5/13/2014	0.97	96.0	95.03	98.99	2.7	4	2.45	1.73	3.03	1.48
Craighead	14N07E26DBB1	354833.59	901843.36	5/13/2014	4.9					2.68	5.35		(2.22)	0.45
Craighead	15N03E31ADA1	355313.63	904807.26	5/16/2014	65.1					60.5			(4.60)	
Craighead	15N05E22BAB1	355513	903241	4/15/2014	37.5					32	38		(5.50)	0.50
Craighead	15N06E04BAD1	355744	902706	4/14/2014	18	77.9	59.9	76.89	18.1	18	11	0.10	0.00	(7.00)
Craighead	15N06E20DDD1	355426	902739	5/14/2014	8.77	87.2	78.43	89.94	10.23	10.3	8.62	1.46	1.53	(0.15)
Craighead	13N03E28CDB1	354322	904652	4/14/2014	117					113.2	105.5		(3.80)	(11.50)
Craighead	13N03E29AAA1	354403.31	904712.98	5/16/2014	117.68					107	102.05		(10.68)	(15.63)
Craighead	13N04E15DBA1	354521	903857	4/14/2014	27.3					26.8	25.2		(0.50)	(2.10)
Craighead	13N04E26BCC1	354340	903829	4/14/2014	27.5					26.5	27.4		(1.00)	(0.10)
Craighead	13N05E02CCC1	354648	903202	4/15/2014	17.9					14.4	9		(3.50)	(8.90)
Craighead	13N05E06DCC1	354637	903547	4/14/2014	26					21	20		(5.00)	(6.00)

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County	Station ID	Latitude	Longitude	Date Measured	14 DTW	Aq Thickness	Saturated, ft	%Saturated	13 DTW	09 DTW	04 DTW	Δ'13-'14	Δ'09-'14	Δ'04-'14
Craighead	14N01E03ACB1	355246	905816	4/15/2014	55.9					52.3	48.1		(3.60)	(7.80)
Craighead	14N01E31DCA1	354817	910121	4/15/2014	66					62	56.7		(4.00)	(9.30)
Craighead	14N02E18BDD1	355040.91	905419.37	5/16/2014	61.78					54.5			(7.28)	
Craighead	14N02E22AAA1	355007	905129	4/14/2014	76.5									
Craighead	14N07E14DDC1	354956	901831	4/15/2014	13.2					12.9	4.5		(0.30)	(8.70)
Craighead	15N02E12DCB1	355626	904930	4/14/2014	36.5					37	31.7		0.50	(4.80)
Craighead	15N03E19ADA1	355502.21	904802.05	5/16/2014	55						47.93			(7.07)
Craighead	15N07E35DCB1	355241	901831	4/14/2014	12.4					13.8	6.5		1.40	(5.90)
							Avg % Saturated	60.80	Declines/ Wells			2/7	18/25	21/25
									Average Change			0.49	(2.17)	(4.88)
Crittenden	05N07E08BDC1	350407	902234	5/20/2014	22				23		22	1.00		0.00
Crittenden	05N07E34CDD1	350010	902028	5/20/2014	16						19			3.00
Crittenden	05N08E11CCD2	350344.75	901308.22	5/21/2014	24.95						26.06			1.11
Crittenden	06N07E13BAA1	350849.58	901807.57	5/9/2014	21.48					22	19.03		0.52	(2.45)
Crittenden	06N07E14ABA1	350848	901858	5/21/2014	20	128.6	108.6	84.45	22		25	2.00		5.00
Crittenden	07N06E29CBC1	351152	902914	5/20/2014	42	141.9	99.9	70.40	42		37	0.00		(5.00)
Crittenden	07N07E05DAD1	351504	902129	5/9/2014	31.51	144.6	113.09	78.21	33.2	35.7		1.69	4.19	
Crittenden	07N07E31CCC1	351041.9	902358.97	5/9/2014	36.87	138.2	101.33	73.32	39.09	38.8	31.56	2.22	1.93	(5.31)
Crittenden	07N08E04BBD1	351538	901505	5/22/2014	21	140.6	119.6	85.06	21		19	0.00		(2.00)
Crittenden	07N09E05CDD1	351453.34	900933.58	5/21/2014	10.27	117.0	106.73	91.22	6.9	13	14.34	(3.37)	2.73	4.07
Crittenden	08N06E01DCC1	352021	902408	5/21/2014	32	123.0	91	73.98	33.5		32	1.50		0.00
Crittenden	08N07E13CCC2	351828.34	901811.95	5/9/2014	35.86	137.1	101.24	73.84	31.12	35.47	28.25	(4.74)	(0.39)	(7.61)
Crittenden	08N07E14DAA2	351854.41	901832.68	5/9/2014	34.02	135.2	101.18	74.84	32.62		29.2	(1.40)		(4.82)
Crittenden	08N07E32DAA1	351618	902146	5/21/2014	30	138.2	108.2	78.29	27.5		26	(2.50)		(4.00)
Crittenden	08N07E35BCB1	351630	901933	5/9/2014	33.07	147.6	114.53	77.59	33.9			0.83		
Crittenden	08N08E06ABB1	352103	901644	5/22/2014	28	135.6	107.6	79.35	30		27.5	2.00		(0.50)
Crittenden	09N06E30ADD1	352235	902904	5/21/2014	32				34.5			2.50		
Crittenden	09N07E10DDA1	352447.58	901924.64	5/21/2014	29.18	123.7	94.52	76.41	30.15	31.5	27.26	0.97	2.32	(1.92)
Crittenden	09N07E31BAB1	352159.85	902326.57	4/18/2014	34.18	124.7	90.52	72.59	35	37.6	32.31	0.82	3.42	(1.87)
Crittenden	09N08E04CDC1	352527	901444	5/22/2014	27				27.5			0.50		
							Avg % Saturated	76.55	Declines/ Wells			4/16	1/7	10/16
									Average Change			0.24	2.10	(1.39)
Cross	06N02E11BDB1	350934	905132	6/2/2014	68									
Cross	06N05E05AAA1	351042	903432	6/2/2014	42									
Cross	07N01E06ACC1	351547.5	910134.5	5/8/2014	77.74									
Cross	07N01E11AAA1	351501.25	905705.29	5/7/2014	82.13					80	74.77		(2.13)	(7.36)
Cross	07N02E02CDD1	351508	905113	5/7/2014	85.63	156.1	70.47	45.14	85.3	85.25		(0.33)	(0.38)	
Cross	07N02E12BBC1	351447	905040	6/2/2014	82.8									
Cross	07N02E29CCC1	351142	905152	6/2/2014	75									
Cross	07N02E29DDC1	351138.09	905409.17	5/7/2014	76.18	152.8	76.62	50.14	75.3	75.1	70.48	(0.88)	(1.08)	(5.70)

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County	Station ID	Latitude	Longitude	Date Measured	14 DTW	Aq Thickness	Saturated, ft	%Saturated	13 DTW	09 DTW	04 DTW	Δ'13-'14	Δ'09-'14	Δ'04-'14
Cross	07N03E32DCC1	351045.29	904810.28	5/7/2014	101.84					97.9	95.88			(5.96)
Cross	07N04E03BDA1	351546	903925	6/2/2014	32.6									
Cross	07N04E27BDA1	351220	903926	6/2/2014	27.8									
Cross	07N05E02AAB1	351600	903103	6/2/2014	43									
Cross	07N05E16ACA1	351358	903352	6/2/2014	36									
Cross	07N05E24CCC1	351232	903121	5/20/2014	41	143.2	102.2	71.37	40			(1.00)		
Cross	07N05E25ABA1	351228.87	903044.79	5/8/2014	37.94						38			0.06
Cross	08N01E16DBB1	351855	905933	6/2/2014	92.3						84			(8.30)
Cross	08N01E31DDC1	351558.4	910132.2	5/8/2014	77.76									
Cross	08N05E17CAA1	351904	903508	6/2/2014	32.8									
Cross	08N05E32ADD1	351631.65	903440.45	5/8/2014	27.68	142.0	114.32	80.51	28.2	30.1	28.47	0.52	2.42	0.79
Cross	09N01E04ACD1	352608	905914	6/2/2014	92.5						85			(7.50)
Cross	09N01E12CBB1	352505	905653	5/7/2014	97.62	148.7	51.08	34.35	97.8	95.87		0.18	(1.75)	
Cross	09N01E36AAB1	352155	905605	6/2/2014	93.7						83			(10.70)
Cross	09N02E32BBB1	352213	905444	6/2/2014	96									
Cross	09N04E01AAC1	352622	903648	6/2/2014	16.3									
Cross	09N05E32BCB1	352151	903525	6/2/2014	30.6									
Cross	09N05E32BDB1	352150.53	903512.11	5/8/2014	28.56	125.7	97.14	77.28	30.5		29.12	1.94		0.56
Cross	07N01E05CDA1	351517.52	910049.05	5/7/2014	79.23					80.8	71.75		1.57	(7.48)
Cross	07N01E05DCA1	351514	910033	6/2/2014	80						72			(8.00)
Cross	07N01E06CAA1	351530	910154	6/2/2014	77						71			(6.00)
Cross	07N01E33BBA1	351134	910010	6/2/2014	72.1						70			(2.10)
Cross	07N03E05AAD1	351558	904737	6/2/2014	106.5									
Cross	07N03E05ADA1	351548.89	904738.6	5/7/2014	114.19					112.7	120.85		(1.49)	6.66
Cross	07N04E07AAA1	351510	904207	6/2/2014	43									
Cross	08N01E02CDD1	352023	905736	6/2/2014	93.3									
Cross	08N01E17CAD1	351852	910046	6/2/2014	77.6									
Cross	08N02E12DCC1	351938	905002	6/2/2014	99.4						88			(11.40)
Cross	08N02E17AAA1	351923	905354	6/2/2014	95						82			(13.00)
Cross	09N01E33BBA2	352202.76	910000.6	5/7/2014	87.46					85.2	78.4		(2.26)	(9.06)
Cross	09N02E20AAA1	352402	905342	6/2/2014	97.2						91			(6.20)
Cross	09N02E30CBB1	352243	905551	6/2/2014	90						87			(3.00)
Cross	09N03E03ACA1	352630	904529	6/2/2014	106.7									
Cross	09N03E17DDC1	352408.8	904725.6	5/7/2014	111.73					110.6	103.96		(1.13)	(7.77)
							Avg % Saturated	59.80	Declines/ Wells			3/6	7/9	16/20
									Average Change			0.07	(0.58)	(4.90)
Desha	09S01W08BDA1	335608	911234	4/1/2014	27.6					22	25		(5.60)	(2.60)
Desha	09S01W15CBB1	335501	911055	4/1/2014	40	137.8	97.8	70.97	32	38	35	(8.00)	(2.00)	(5.00)
Desha	09S02W26DDC1	335256.57	911529.64	6/18/2014	33.76	138.8	105.04	75.68	40	33.4	31.09	6.24	(0.36)	(2.67)
Desha	09S03W05BAC1	335704	912506	4/1/2014	43.3	130.6	87.3	66.85	34.38			(8.92)		
Desha	09S03W13BAB1	335500	911922	4/1/2014	36	146.5	110.5	75.43	42.8			6.80		
Desha	09S04W06CBB1	335629.1	913256.6	4/17/2014	41	148.0	107	72.30	38.09			(2.91)		
Desha	10S01W23CDA1	335305	911032	4/1/2014	30.3	148.0	117.7	79.53						

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County	Station ID	Latitude	Longitude	Date Measured	14 DTW	Aq Thickness	Saturated, ft	%Saturated	13 DTW	09 DTW	04 DTW	Δ'13-'14	Δ'09-'14	Δ'04-'14
Desha	10S02W02CAA1	335138	911546	3/26/2014	46.67									
Desha	10S02W11ADD1	335045	911517	4/1/2014	31.7				30.8	31	28	(0.90)	(0.70)	(3.70)
Desha	10S03W26CAA1	334806	912144.55	3/25/2014	42.01				43.35	49.1	44.03	1.34	7.09	2.02
Desha	10S04W03BAB1	335208.61	912947.66	3/25/2014	42.41									
Desha	10S04W11DDA1	335031.33	912801.68	3/25/2014	37.9									
Desha	10S04W12CCB1	335048	912754	3/26/2014	37.76						33.4			(4.36)
Desha	11S02W15ADD1	334446	911635	4/1/2014	37	132.4	95.4	72.05	37.03	35		0.03	(2.00)	
Desha	11S03W16CBA1	334439	912433	4/1/2014	39.4	120.9	81.5	67.41	35.4			(4.00)		
Desha	13S02W02DCA1	333559	911601	3/26/2014	24.99									
Desha	13S02W17ADA1	333421	911858	4/1/2014	49.7				38.3			(11.40)		
Desha	13S03W11CAB1	333503	912241	4/1/2014	57.5	89.4	31.9	35.68			51			(6.50)
							Avg % Saturated	68.43	Declines/ Wells			6/10	5/6	6/7
									Average Change			(2.17)	(0.59)	(3.26)
Drew	11S04W35CDD1	334144	912842				0	#DIV/0!						
Drew	11S05W08CCC1	334546.48	913837.16	3/24/2014	39.39	118.3	78.91	66.70	31.28	39.2		(8.11)	(0.19)	
Drew	12S04W03ABB1	334133.92	912946.13	3/24/2014	29.87	149.2	119.33	79.98	40.3	28.3	24.11	10.43	(1.57)	(5.76)
Drew	12S04W25DBB1	333739	912738	4/29/2014	34					33.8	34		(0.20)	0.00
Drew	13S04W09ACD1	333512	913034	4/29/2014	21					33	16.4		12.00	(4.60)
Drew	14S04W03ADD1	333050	912929	4/29/2014	31					15			(16.00)	
Drew	14S04W05CBA1	333047	913218	4/29/2014	20					20	12		0.00	(8.00)
Drew	14S04W05CBC1	333042	913226	4/29/2014	18					22	13		4.00	(5.00)
Drew	15S04W13DAD1	332338	912730	5/15/2014	43	89.1	46.1	51.74						
Drew	13S06W21DAA1	333324	914258	4/29/2014	75					61			(14.00)	
							Avg % Saturated	66.14	Declines/ Wells			1/2	5/8	4/5
									Average Change			1.16	(2.00)	(4.67)
Greene	16N03E03BA1	360315.87	904515.85	5/15/2014	37.85				26	37.7	29.04	(11.85)	(0.15)	(8.81)
Greene	16N03E16DDD1	360049	904547	3/14/2014	36.8	120.1	83.3	69.36	35.90	36.90	34.8	(0.90)	0.10	(2.00)
Greene	16N03E20CDA1	355957	904742	3/14/2014	37.2	112.7	75.5	66.99	37.2			0.00		
Greene	16N06E28ABB1	355938.31	902657.01	5/15/2014	32.46				37.25		23.89	4.79		(8.57)
Greene	17N03E02BDB1	360831.96	904413.35	5/14/2014	36.38									
Greene	17N03E02DCC1	360806	904352	3/13/2014	38.3	83.2	44.9	53.97	31		31	(7.30)		(7.30)
Greene	17N03E32CDC1	360317	904735	3/14/2014	36.9	137.4	100.5	73.14	39.1			2.20		
Greene	17N03E35CB1	360347	904437	3/13/2014	39.1				36.5			(2.60)		
Greene	17N04E07AD1	360718	904122	3/13/2014	46.8	120.7	73.9	61.23	38.5			(8.30)		
Greene	17N04E28DAA1	360431	903917	5/15/2014	94.38	132.6	38.22	28.82		90.95			(3.43)	
Greene	17N06E15ABC1	360631	902546	3/13/2014	32.1					29.2	38.2		(2.90)	6.10
Greene	17N07E01BBA1	360832	901724	3/13/2014	5.4	106.1	100.7	94.91						
Greene	17N07E28CBA1	360424	902045	3/13/2014	5	125.6	120.6	96.02	5.4			0.40		
Greene	18N03E24ACA1	361119	904216	3/13/2014	35.9	103.2	67.3	65.21		34.9	29.8		(1.00)	(6.10)
Greene	18N04E04AAC1	361356	903854	3/13/2014	34.2	136.0	101.8	74.85	36.25		28.2	2.05		(6.00)
Greene	18N04E21CBD1	361052.32	903724.76	5/14/2014	63.43	128.6	65.17	50.68		59.9	53.9		(3.53)	(9.53)
Greene	18N06E23ABB1	361109	902402	3/13/2014	16					14.4	10.3		(1.60)	(5.70)

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County	Station ID	Latitude	Longitude	Date Measured	14 DTW	Aq Thickness	Saturated, ft	%Saturated	13 DTW	09 DTW	04 DTW	Δ'13-'14	Δ'09-'14	Δ'04-'14
Greene	18N07E05DAB1	361316	902024.5	3/13/2014	16.8	128.9	112.1	86.97	18.5			1.70		
Greene	18N07E20BBA1	361110.37	902113.23	5/14/2014	9.89					12.6	6.88		2.71	(3.01)
Greene	18N07E20BBA1	361110.37	902113.23	5/15/2014	29.99	125.0	95.01	76.01	17.75	12.6	6.88	(12.24)	(17.39)	(23.11)
Greene	19N03E33DDD1	361418	904516	3/13/2014	38.2	109.8	71.6	65.21		37.1	33.8		(1.10)	(4.40)
Greene	16N06E03CCC1	360224.07	902625.9	5/14/2014	65.67						40.39			(25.28)
Greene	16N06E21BAA1	360031	902705	3/13/2014	32.6					27.6	25		(5.00)	(7.60)
Greene	17N04E30CDC1	360409.09	904217.57	5/15/2014	43.67					41.14	35.38		(2.53)	(8.29)
Greene	17N07E03CCC1	360744	901951	3/13/2014	5.2						6.8			1.60
Greene	18N06E26CDD1	360926	902412	5/14/2014	25.91									
Greene	18N07E17BAB1	361203	902105	3/13/2014	12.3					6.4	8.3		(5.90)	(4.00)
							Avg % Saturated	68.81	Declines/ Wells			6/12	11/13	15/17
									Average Change			(2.67)	(2.98)	(6.78)
ndependence	12N04W14DD1	353929.42	912236.26	5/19/2014	18.81	124.4	105.59	84.88	24.43	25	24.71	5.62	6.19	5.90
ndependence	12N04W34CBB1	353720.1	912512.5	5/19/2014	15.07	128.2	113.13	88.24	18.9	18.1	21.91	3.83	3.03	6.84
ndependence	14N03W14DBB1	355106	911640.42	5/27/2014	1.57						1.8			0.23
							Avg % Saturated	86.56	Declines/ Wells			0/2	0/2	0/3
									Average Change			4.73	4.61	4.32
Jackson	11N01W11CBB1	353550	910428	5/12/2014	56.8				55.73			(1.07)		
Jackson	11N03W05CAB1	353655	912008	2/28/2014	9.48									
Jackson	11N03W06DAB1	353655.13	912008.5	5/19/2014		127.2	127.2		17.51	14	22.03			
Jackson	13N03W15CDD1	354525.9	911749.46	5/12/2014	10.3	110.2	99.9	90.65	15.4	16.5	16.5	5.10	6.20	6.20
Jackson	13N03W35AA1	354329	911612	2/28/2014	47.37					38			(9.37)	
Jackson	14N01W09AAA1	355220.36	910515.16	5/19/2014		114.1	114.1	100.00	44	45	40.32			
Jackson	09N01W22ADD1	352331.57	910432.57	5/12/2014	63.58						59.66			(3.92)
Jackson	09N02W32BBB1	352215	911344	2/28/2014	32.3						29.2			(3.10)
Jackson	09N02W32CBB1	352151.79	911347.79	5/12/2014	29.64						28.35			(1.29)
Jackson	10N02W29ABB1	352828.7	911311.86	5/12/2014	27.82						25.83			(1.99)
Jackson	11N01W26AAD1	353329.77	910323.21	2/28/2014	72.1					71.9	65.25		(0.20)	(6.85)
Jackson	12N01W11BCB1	354127	910416	2/28/2014	40.9						36.6			(4.30)
Jackson	12N02W25ABB2	353909.97	910852.17	5/12/2014	34.74					35.5	31.73		0.76	(3.01)
Jackson	13N01W20AAA1	354514.14	910627.47	5/19/2014	41.56					42.9	37.64		1.34	(3.92)
Jackson	14N02W22BBC1	355026	911145	2/28/2014	28.3						26			(2.30)
							Avg % Saturated	95.33	Declines/ Wells			1/2	2/5	9/10
									Average Change			2.02	(0.25)	(2.45)
Jefferson	03S09W22AAA1	342639.63	915728.43	4/10/2014	50.8	120.6	69.8	57.88	45		43	(5.80)		(7.80)
Jefferson	03S09W29CBD1	342516.81	920023.32	3/27/2014	29.22	114.2	84.98	74.41	28.4	31.7		(0.82)	2.48	
Jefferson	03S09W36ACC1	342428	915555	4/10/2014	30.7					28			(2.70)	
Jefferson	03S10W26AAA1	342551	920300	4/10/2014	21.6									

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County	Station ID	Latitude	Longitude	Date Measured	14 DTW	Aq Thickness	Saturated, ft	%Saturated	13 DTW	09 DTW	04 DTW	Δ'13-'14	Δ'09-'14	Δ'04-'14
Jefferson	03S10W35BBC1	342449	920358	4/10/2014	13.8	107.9	94.1	87.21	17			3.20		
Jefferson	04S07W35DDB1	341836	914347	4/25/2014	21	109.6	88.6	80.84	35.5	29	26.2	14.50	8.00	5.20
Jefferson	04S08W13DCB1	342122.85	914926.45	4/11/2014	48.04					45.5	46.12		(2.54)	(1.92)
Jefferson	05S06W31BAD1	341329	914154	3/27/2014	21.81									
Jefferson	05S07W19BCC1	341537.74	914907.57	3/27/2014	1.58									
Jefferson	06S05W15BCA1	341022.95	913245	4/11/2014	18.24	133.9	115.66	86.38	17.76	19	19.44	(0.48)	0.76	1.20
Jefferson	06S05W16ADD1	341002	913301	3/27/2014	19.67									
Jefferson	07S07W16BAA1	340722	914828	4/25/2014	28.1						24.4			(3.70)
Jefferson	07S08W06BAA1	340858.53	915647.26	4/11/2014	20.45	116.7	96.25	82.48	20.12	21	19.27	(0.33)	0.55	(1.18)
Jefferson	09S05W14AAA1	335550	913409	3/26/2014	46.28									
							Avg % Saturated	78.20	Declines/ Wells			4/6	2/6	4/6
									Average Change			1.71	1.09	(1.37)
Lawrence	15N01E26DDA1	355401.91	905639.34	5/23/2014	57.13	106.2	49.07	46.21	55.2	60.1		(1.93)	2.97	
Lawrence	15N01W35CBB1	355336.15	910356.33	5/22/2014	50.73	111.8	61.07	54.62	51.19	48.5	43.39	0.46	(2.23)	(7.34)
Lawrence	16N01E11DAC2	360203.04	905639.37	5/23/2014	53.47	126.0	72.53	57.56	52.5	50.2	43.66	(0.97)	(3.27)	(9.81)
Lawrence	17N02E25CBD1	360423	904948	4/6/2014	41	131.9	90.9	68.92	44.1		35	3.10		(6.00)
Lawerence	16N01W30DDC1	355936.93	910723.26	4/6/2014	20					18.2	22		(1.80)	2.00
Lawerence	17N01E02BBA1	360901	905707	4/6/2014	17.6					15	12.2		(2.60)	(5.40)
Lawerence	17N02E04DCA1	360758	905224	4/6/2014	42					43.9	38		1.90	(4.00)
Lawerence	17N02E19CDC1	360515.91	905449.43	5/23/2014	46.4						36.6			(9.80)
							Avg % Saturated	56.83	Declines/ Wells			2/4	4/6	6/7
									Average Change			0.17	(0.84)	(5.76)
Lee	02N01W12BAA1	344828.26	910329.55	4/23/2014	48.72									
Lee	02N02E08ADC1	344807.34	905338.75	4/23/2014	49.3	151.8	102.5	67.52	48.35	48.4	43.93	(0.95)	(0.90)	(5.37)
Lee	02N03E08AAD1	344810.69	904837.83	4/24/2014	54.59					49	43.43		(5.59)	(11.16)
Lee	02N04E15DAC1	344636.73	903950.39	4/24/2014	19.82					20.4	18.15		0.58	(1.67)
Lee	03N01E15CCB1	345206	905947	4/23/2014	68.55									
Lee	03N01E16CBA1	345222.08	910039.89	4/23/2014	70.18						63.2			(6.98)
Lee	03N02E13BBA1	345237.4	905107.32	4/23/2014	52.74	159.5	106.76	66.93	52	51.5	48.55	(0.74)	(1.24)	(4.19)
Lee	03N03E32CAB1	344932.65	904926.23	4/24/2014	51.48	151.2	99.72	65.95	50.9	53.82	48.35	(0.58)	2.34	(3.13)
Lee	03N05E14DDA1	345148.08	903203.25	4/24/2014	13.29	149.3	136.01	91.10	14.6	13.2	13.55	1.31	(0.09)	0.26
Lee	01N03E02BBC1	344339.29	904601.14	4/24/2014	60.42					56.8			(3.62)	
Lee	01N03E35BBA1	343923	904549	4/24/2014	23.07					14.2			(8.87)	
Lee	02N01E23BAA2	344631.74	905820.4	4/23/2014	56.86									
Lee	03N01E03CBC1	345358.5	905946.6	4/23/2014	70.87									
Lee	03N02E29DAD1	345013.62	905429.78	4/23/2014	49.58									
							Avg % Saturated	72.88	Declines/ Wells			3/4	6/8	6/7
									Average Change			(0.24)	(2.17)	(4.61)
Lincoln	07S06W03CCA2	340828	914114	4/21/2014	21	114.3	93.3	81.63	20	18	16	(1.00)	(3.00)	(5.00)

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County	Station ID	Latitude	Longitude	Date Measured	14 DTW	Aq Thickness	Saturated, ft	%Saturated	13 DTW	09 DTW	04 DTW	Δ'13-'14	Δ'09-'14	Δ'04-'14
Lincoln	07S07W36CBD1	340411	914529	4/16/2014	43	116.2	73.2	62.99	44	40	38	1.00	(3.00)	(5.00)
Lincoln	08S04W06ABD1	340341	913116	4/21/2014	17	101.5	84.5	83.25	14	12	17	(3.00)	(5.00)	0.00
Lincoln	08S04W29ABC1	340021	913044	4/17/2014	46				47	44		1.00	(2.00)	
Lincoln	08S05W12AAD1	340246	913214	4/16/2014	23	109.9	86.9	79.07	26		21	3.00		(2.00)
Lincoln	08S05W21DCD1	340027	913533	4/17/2014	32	129.7	97.7	75.33	31	38	35	(1.00)	6.00	3.00
Lincoln	08S05W32DCC1	335840	913644	4/17/2014	55	137.3	82.3	59.94	55	47	33	0.00	(8.00)	(22.00)
Lincoln	08S07W05CCD1	340402	914924	3/27/2014	31.65									
Lincoln	08S07W05DDD1	340300.81	914902.72	3/25/2014	31.34	133.3	101.96	76.49	31.45	37.4		0.11	6.06	
Lincoln	09S05W14ABC1	335553.02	913439.08	3/25/2014	43.39	152.8	109.41	71.60	44.88	46.6	37.58	1.49	3.21	(5.81)
Lincoln	09S05W19CCC1	335428	913941	4/16/2014	37	131.4	94.4	71.84	38			1.00		
Lincoln	09S06W04BCD1	335821.38	914345.83	3/25/2014	44.87	123.0	78.13	63.52	44.65	43.4	38.38	(0.22)	(1.47)	(6.49)
Lincoln	09S06W04BDD1	335759	914335	4/16/2014	43					39	41		(4.00)	(2.00)
Lincoln	10S05W06DCC1	335155.3	913907.96	3/26/2014	31.39	140.9	109.51	77.72	29.88	35.8	30.38	(1.51)	4.41	(1.01)
							Avg % Saturated	73.04	Declines/ Wells			5/12	8/12	8/10
									Average Change			0.07	(0.62)	(4.63)
Lonoke	01N07W27AAD1	344103.48	914410.4	4/21/2014	135.69	139.8	4.11	2.94	136.35	133.7		0.66	(1.99)	
Lonoke	01N08W26CCB1	344034.61	915043.43	4/21/2014	107.55	111.9	4.35	3.89	105.31	105.9		(2.24)	(1.65)	
Lonoke	01N09W13DAB1	344235.17	915517.01	4/21/2014	86.72	102.2	15.48	15.15	90.4	87.8	87.12	3.68	1.08	0.40
Lonoke	01N09W25BAA1	344120	915538	4/9/2014	88					88			0.00	
Lonoke	01N10W15CDA1	344236	920414	4/9/2014	22	124.3	102.3	82.30	23	25	26.8	1.00	3.00	4.80
Lonoke	01S06W31ABB1	343459.39	914131.48	4/21/2014	81.82	121.1	39.28	32.44	81.86		78.7	0.04		(3.12)
Lonoke	01S06W32BBB1	343501	914056	4/9/2014	82	123.8	41.8	33.76	81		86.9	(1.00)		4.90
Lonoke	01S07W12ABA1	343834.31	914229.84	4/21/2014	93.96						68.77			(25.19)
Lonoke	01S07W19DDB1	343609	914746	4/21/2014	89.66	116.0	26.34	22.71	89.11	87.02		(0.55)	(2.64)	
Lonoke	01S08W24CDD1	343605.64	914912.37	4/21/2014	86.5	117.9	31.4	26.63	86.13	82.9	83.93	(0.37)	(3.60)	(2.57)
Lonoke	01S09W36CCC1	343435.31	915618.98	4/22/2014	65.52	115.5	49.98	43.27	65.09	64.9	62.27	(0.43)	(0.62)	(3.25)
Lonoke	01S10W01ACB1	343926.84	920214.96	4/22/2014	44.39	119.5	75.11	62.85	45.51		47.24	1.12		2.85
Lonoke	01S10W11CAB1	343841	920337	4/22/2014	30.25	115.5	85.25	73.81	31.36	30.93		1.11	0.68	
Lonoke	02N07W16BAB1	344815.2	914539.5	4/22/2014	144.69									
Lonoke	02N08W16ABC1	344806.48	915113.61	3/27/2014	130.98	143.2	12.22	8.53	126.87	124.90		(4.11)	(6.08)	
Lonoke	02N08W23CAB1	344659	915118	4/9/2014	136					135.00			(1.00)	
Lonoke	02N08W27DCC	344543	915106	3/27/2014	133.48				133.97			0.49		
Lonoke	02N10W15ACC1	344807	920352	4/9/2014	31	136.0	105	77.21	30	32		(1.00)	1.00	
Lonoke	02N10W23BCA1	344725.25	920322.15	3/27/2014	12.78	134.0	121.22	90.46	11.55			(1.23)		
Lonoke	02S07W05CDC1	343326	914715	4/9/2014	77					68	73.5		(9.00)	(3.50)
Lonoke	02S07W10CCB1	343246.45	914524.67	4/21/2014	66.25						62.48			(3.77)
Lonoke	02S08W06BAA1	343430	915447	1/29/2014	71.38					69.25			(2.13)	
Lonoke	02S08W06BAA1	343430	915447	3/5/2014	71.15					69.25			(1.90)	
Lonoke	02S08W06BAA1	343430	915447	4/22/2014	70.83					69.25			(1.58)	
Lonoke	02S08W13BBB1	343231.92	914935.37	4/21/2014	64.04						58.45			(5.59)
Lonoke	02S08W28CDC1	343007	915237	1/29/2014	66.38					62.6			(3.78)	
Lonoke	02S08W28CDC1	343007	915237	3/5/2014	66					62.6			(3.40)	
Lonoke	02S08W28CDC1	343007	915237	4/21/2014	65.61					62.6			(3.01)	

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Lonoke	02S08W34DBB1	343002.96	915149.75	4/21/2014	68.27					64.5	62.68		(3.77)	(5.59)
Lonoke	02S09W22AAA1	343153	915728	4/9/2014	66					72			6.00	
Lonoke	02S09W26DC1	343019	915643	4/9/2014	56	114.8	58.8	51.22	53			(3.00)		
Lonoke	02S09W30CDD1	343014.34	920116.01	4/22/2014	38.62						37.88			(0.74)
Lonoke	03N07W08BDB1	345406.62	914638.28	2/6/2014	101.63				100.55		94.88	(1.08)		(6.75)
Lonoke	03N07W15DBC2	345252.79	914416.62	4/22/2014	86.48					84.5	80.5		(1.98)	(5.98)
Lonoke	03N07W29ADA1	345128.53	914558.4	4/22/2014	95.18	152.7	57.52	37.67	94.9		90.65	(0.28)		(4.53)
Lonoke	03N07W29CDD1	345057	914632	4/9/2014	104				101	102		(3.00)	(2.00)	
Lonoke	03N07W35CDC2	344957.16	914332.11	4/22/2014	118.5	144.6	26.1	18.05	118.86	117.55	114.63	0.36	(0.95)	(3.87)
Lonoke	03N08W03BAA1	345518.54	915053.52	6/16/2014	103.33				102.43		92	(0.90)		(11.33)
Lonoke	03N08W03CCC1	345429.86	915123.2	6/13/2014	109.6				109.25		98.87	(0.35)		(10.73)
Lonoke	03N08W08ABA1	345426.98	915247.87	6/16/2014	100.59				99.71		91.45	(0.88)		(9.14)
Lonoke	03N08W10ACB1	345414.65	915052.74	6/16/2014	97.05				96.1		88.43	(0.95)		(8.62)
Lonoke	03N08W10ADD1	345401.06	915022.78	6/13/2014	98.7				97.84		88.99	(0.86)		(9.71)
Lonoke	03N08W11ACA1	345412.72	914934.26	6/16/2014	106.29				105.36		98.5	(0.93)		(7.79)
Lonoke	03N08W21BCC1	345220.21	915220.21	3/27/2014	109.33				111.6	109.1	80.27	2.27	(0.23)	(29.06)
Lonoke	03N08W26CDC1	345100	915007	4/9/2014	114	167.1	53.1	31.78	118	112		4.00	(2.00)	
Lonoke	03N08W29BBB1	345147.1	915332.81	6/16/2014	115				114.62		110.26	(0.38)		(4.74)
Lonoke	03N08W29BCC1	345125.01	915333.4	6/16/2014	120.21				116.33		121.06	(3.88)		0.85
Lonoke	03N08W32ABB1	345057	915256	3/27/2014	121.9	189.2	67.3	35.57	122.67			0.77		
Lonoke	03N08W32ABB3	345058.68	915255.43	3/27/2014	50.61	189.2	138.59	73.25	50.2		53.2	(0.41)		2.59
Lonoke	04N08W15BCB2	345832.92	915121.25	4/23/2014	35.84	148.3	112.46	75.83	37	35.8	33.54	1.16	(0.04)	(2.30)
Lonoke	04N08W16DCC1	345757.26	915154.02	6/13/2014	49.55				48.85		45.12	(0.70)		(4.43)
Lonoke	04N08W19BBB1	345753.4	915431.8	6/13/2014	3.85				5.55			1.70		
Lonoke	04N08W28CAC1	345620.27	915215.78	6/13/2014	59.49				58.58		53.27	(0.91)		(6.22)
Lonoke	04N08W28CCC1	345614.57	915225.31	6/16/2014	65.86						59.09			(6.77)
Lonoke	04N08W33ABD1	345558.6	915141.3	6/13/2014	93.42				92.51			(0.91)		
Lonoke	04N08W33ACD1	345546.9	915140.9	6/13/2014	95.46				95.92			0.46		
Lonoke	04N08W33ADB1	345552.6	915125	6/13/2014	102.87				103.14			0.27		
Lonoke	04N08W33ADD1	345546.3	915125.5	6/13/2014	105.71				105.08			(0.63)		
Lonoke	04N08W36DBB1	345540.53	914914.42	6/16/2014	97.09				96.14			(0.95)		
Lonoke	01N08W03DDA1	344411	915050	4/9/2014	142									
Lonoke	02N07W07DAA1	344845	914707	4/9/2014	137					135			(2.00)	
							Avg % Saturated	42.28	Declines/ Wells			26/41	24/30	25/31
									Average Change			(0.31)	(1.56)	(5.45)
Mississippi	10N08E22ABA2	352850.89	901312.16	5/16/2014	25.66	152.1	126.44	83.13	26.56	27.17	22.34	0.90	1.51	(3.32)
Mississippi	10N09E08ACC1	352949.05	900925.66	5/16/2014	17.7	174.3	156.6	89.85	18	18.25	13.79	0.30	0.55	(3.91)
Mississippi	11N09E34BBB1	353217.73	900715.17	5/16/2014	19.17	190.2	171.03	89.92	20.8	20.2	14.78	1.63	1.03	(4.39)
Mississippi	12N08E08BCB1	354047.06	901559.25	5/16/2014	8.04	133.4	125.36	93.97	10.4	10.3	8.32	2.36	2.26	0.28
Mississippi	13N09E30CCD1	354247.81	901028.63	5/16/2014	9.24	149.1	139.86	93.80	15	12		5.76	2.76	
Mississippi	14N08E12DAB1	355104.17	901051.94	5/20/2014	4.52					7.85	5.33		3.33	0.81
Mississippi	14N10E18ABC1	355022.36	900345.36	5/20/2014	9.63					14	10.9		4.37	1.27
Mississippi	16N10E28BBD1	355906.13	900156.03	5/20/2014	6.23						7.56			1.33

Alluvial Aquifer

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County	Station ID	Latitude	Longitude	Date Measured	14 DTW	Aq Thickness	Saturated, ft	%Saturated	13 DTW	09 DTW	04 DTW	Δ'13-'14	Δ'09-'14	Δ'04-'14
Mississippi	16N11E23ADA1	355947.24	895231.23	5/20/2014	11.22						12.31			1.09
Mississippi	15N08E08DBC2	355604.96	901526.26	5/20/2014	8.89									
							Avg % Saturated	90.13	Declines/ Wells			0/5	0/7	3/8
									Average Change			2.19	2.26	(0.86)
Monroe	01N03W23BAC1	344124	911743	2/27/2014	18	119.9	101.9	84.99	18.5	11	14	0.50	(7.00)	(4.00)
Monroe	01S01W18DCD1	343617.76	910849.2	4/24/2014	25.49	147.9	122.41	82.77	25.25	24.6	22.64	(0.24)	(0.89)	(2.85)
Monroe	01S02W20BBB1	343612.7	911456.1	4/25/2014	11.79	130.5	118.71	90.97	13.29	11.4	12	1.50	(0.39)	0.21
Monroe	02N01W19ADD1	344624	910814	2/27/2014	56					55	51		(1.00)	(5.00)
Monroe	02N01W19BBA1	344645.21	910912.46	4/25/2014	57.7					55.6	52.56		(2.10)	(5.14)
Monroe	02S01W01BCD1	343305	910408	2/27/2014	23	145.5	122.5	84.19	20		19	(3.00)		(4.00)
Monroe	02S02W11DAC1	343208.97	911100.58	4/24/2014	9	128.9	119.9	93.02	10.4	8.5	9.93	1.40	(0.50)	0.93
Monroe	01N03W24BBB1	344135.21	911650.59	4/25/2014	28.9					28.5	27.34		(0.40)	(1.56)
Monroe	01N04W33BBB2	343959.52	912648.52	3/25/2014	42.22									
Monroe	01S01W13CDD1	343610.94	910340.54	4/24/2014	24.48					22	20.44		(2.48)	(4.04)
Monroe	01S01W16DB	343615	910632	2/27/2014	19					19	17		0.00	(2.00)
Monroe	01S04W01BAB1	343905.86	912316.73	4/25/2014	76.1					76.7	76.34		0.60	0.24
Monroe	02N03W35BCA1	344455	911745	2/27/2014	28					34	31		6.00	3.00
Monroe	03N01W06DBA1	345411	910822	4/25/2014	47.23									
Monroe	03N01W20ABA1	345201.18	910722.83	4/25/2014	56.6					49	47.35		(7.60)	(9.25)
Monroe	03N02W31ADC1	344958.28	911447.2	4/25/2014	40.18						39.53			(0.65)
Monroe	03N03W36AAA1	345026.65	911547.12	4/25/2014	20.85					20.4	20.3		(0.45)	(0.55)
Monroe	04N02W01BCC1	345929	911004	2/27/2014	41					20	38		(21.00)	(3.00)
Monroe	04N02W05BBB1	345957	911311	2/27/2014	14					12	15		(2.00)	1.00
Monroe	04N02W27CDD3	345540.22	911149.73	4/25/2014	47.03					48.6	45.43		1.57	(1.60)
Monroe	04N02W28DDD3	345535.05	911220.68	4/25/2014	33.78					33.5	33.04		(0.28)	(0.74)
Monroe	04N02W30BBB1	345627.88	911524.71	4/25/2014	13.67						13.41			(0.26)
Monroe	01N02W12CBC1	344242.3	911031.9	4/25/2014	44.3					42.2	37.39		(2.10)	(6.91)
							Avg % Saturated	87.19	Declines/ Wells			2/6	14/18	16/21
									Average Change			0.03	(2.22)	(2.20)
Phillips	01S02E09CBB1	343718.73	905434.06	4/21/2014	16.9	146.9	130	88.50	16.45	13.3	11.46	(0.45)	(3.60)	(5.44)
Phillips	02S04E27AAC1	342931.57	904001.09	4/21/2014	9.28	87.9	78.62	89.44	9	8.6	3.93	(0.28)	(0.68)	(5.35)
Phillips	03S03E04DAA1	342734.52	904709.93	4/21/2014	21.62	121.2	99.58	82.16	20.5	20.7	18.27	(1.12)	(0.92)	(3.35)
Phillips	03S04E02CAA1	342732	903918	3/28/2014	14.96	119.0	104.04	87.43	16.5	14.2	8.23	1.54	(0.76)	(6.73)
Phillips	05S02E18BDA1	341534.75	905627.82	3/28/2014	22.3						16.14			(6.16)
Phillips	01S04E05DCD1	343802	904151	4/21/2014	55.11					52.2	45		(2.91)	(10.11)
Phillips	02S01E28CCB1	342916.37	910058.18	4/21/2014	19.27						14.56			(4.71)
Phillips	02S03E15ACD1	343109.96	904621.48	1/31/2014	17.37						15.46			(1.91)
							Avg % Saturated	86.88	Declines/ Wells			3/4	5/5	8/8
									Average Change			(0.08)	(1.77)	(5.47)

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County	Station ID	Latitude	Longitude	Date Measured	14 DTW	Aq Thickness	Saturated, ft	%Saturated	13 DTW	09 DTW	04 DTW	Δ'13-'14	Δ'09-'14	Δ'04-'14
Poinsett	10N01E14CC1	352909.77	905813.38	5/12/2014	100.01	150.4	50.39	33.50	99.85	104.46	89.72	(0.16)	4.45	(10.29)
Poinsett	10N01E16CCB1	352921.87	910005.35	5/12/2014	90.17	146.2	56.03	38.32	80.55	87.46	72.39	(9.62)	(2.71)	(17.78)
Poinsett	10N02E34BBB1	352725.8	905231.3	8/26/2014	108.5				107.13	104.5		(1.37)	(4.00)	
Poinsett	10N03E14DAB1	352947.21	904404.93	5/12/2014	122.98				123.35	121.2	116.95	0.37	(1.78)	(6.03)
Poinsett	10N03E35CDD1	352656.17	904435.97	5/12/2014	129.67						123.86			(5.81)
Poinsett	11N01E26AA1	353340.33	905653.32	5/12/2014	103.26	144.8	41.54	28.69	107.65	107.45	91.95	4.39	4.19	(11.31)
Poinsett	11N02E26AAB1	353350.31	905034.19	5/12/2014	125.77	149.2	23.43	15.70	137.5		105.42	11.73		(20.35)
Poinsett	11N03E10DDA1	353545.69	904456.54	5/12/2014	111.09				119	110	102.99	7.91	(1.09)	(8.10)
Poinsett	11N03E18BAB1	353537.76	904852.42	5/12/2014	125.82				115.65	118.4	103.23	(10.17)	(7.42)	(22.59)
Poinsett	11N06E34BBC1	353224	902646	5/13/2014	10.86				9.52			(1.34)		
Poinsett	11N07E18CAB1	353435	902320	5/13/2014	13.25	107.3	94.05	87.65	17.3	27.4	13.89	4.05	14.15	0.64
Poinsett	12N01E07CDA1	354053.69	910141.25	5/13/2014	56.13	123.4	67.27	54.51	56.7	64.05	51.89	0.57	7.92	(4.24)
Poinsett	12N03E36ACB1	353749.4	904318.72	5/12/2014	107.15				112.25	92		5.10	(15.15)	
Poinsett	12N05E34ABA1	353805.38	903230.45	5/13/2014	8.88						7.47			(1.41)
Poinsett	12N07E04BAA1	354201.95	902059.69	5/13/2014	8.86	115.8	106.94	92.35	8.5	10.5	8.15	(0.36)	1.64	(0.71)
Poinsett	12N07E25DC1	353740	901802	5/13/2014	16.87	129.3	112.43	86.95	19.97	20.82		3.10	3.95	
Poinsett	10N02E13BCC1	352948.52	905026.29	5/12/2014	110.34					107.7	99.9		(2.64)	(10.44)
Poinsett	11N01E17DDD1	353436.83	910013.21	5/12/2014	84.68					85.6	76.12		0.92	(8.56)
Poinsett	12N03E04DAD1	354158.01	904600.16	5/13/2014	110.27					90	102.61		(20.27)	(7.66)
							Avg % Saturated	54.71	Declines/ Wells			6/14	8/15	14/15
									Average Change			1.01	(1.19)	(8.98)
Prairie	01N06W05CCB1	344352.97	914049.08	4/24/2014	120.91	155.7	34.79	22.34	119.7	119	117.1	(1.21)	(1.91)	(3.81)
Prairie	01N06W26CDD1	344014.88	913707.61	4/24/2014	105.44	143.1	37.66	26.32	108.6	99.7		3.16	(5.74)	
Prairie	01S04W28BDB1	343522.68	912629.73	4/25/2014	98.45	138.3	39.85	28.81	98.73		97.25	0.28		(1.20)
Prairie	01S05W14BBC1	343721.96	913108.76	4/24/2014	108.9						107.74			(1.16)
Prairie	01S06W12BAB1	343826	913613	4/24/2014	118.38	157.0	38.62	24.60	119.09		119.01	0.71		0.63
Prairie	02N04W02BCB1	344916.31	912418.61	4/25/2014	17.76						19.13			1.37
Prairie	02N04W32CCB1	344436.43	912737.79	4/25/2014	84.66	150.0	65.34	43.56	84.56	84.5	83.73	(0.10)	(0.16)	(0.93)
Prairie	02N05W06BAB1	344957.63	913420.77	4/25/2014	89.5						88.79			(0.71)
Prairie	02N05W13AAB1	344805.45	912854.34	4/25/2014	56.66									
Prairie	02N05W13AAB2	344805.3	912852.8	4/25/2014	76.71									
Prairie	02N05W24BCA3	344659	912937	1/23/2014	92.28									
Prairie	02N05W24BCA3	344659	912937	3/5/2014	91.38	147.7	56.32	38.13	92.15			0.77		
Prairie	02N05W29DDB2	344545.22	913308.75	4/24/2014	121.69	150.8	29.11	19.30	125.93	125		4.24	3.31	
Prairie	02N06W17ABB1	344809.48	913959.44	4/24/2014	124.39	148.0	23.61	15.95	132.23	125.7	123.16	7.84	1.31	(1.23)
Prairie	02N06W22BCC1	344652.8	913827.4	4/10/2014	114.61				114.75			0.14		
Prairie	02N06W24CAA1	344651	913551	3/5/2014	118.99	154.5	35.51	22.98	118.77	120.51	118.12	(0.22)	1.52	(0.87)
Prairie	03N06W01BCB1	345454.54	913601.39	4/23/2014	90.3					83.1	80.64		(7.20)	(9.66)
Prairie	04N05W07CDC1	345842.62	913440.92	4/25/2014	83.16	125.4	42.24	33.68	79.2	85	74.42	(3.96)	1.84	(8.74)
Prairie	04N05W31DDC1	345513.66	913405.83	4/23/2014	79.81				81.33		76.23	1.52		(3.58)
Prairie	04N06W05CCC1	345933.76	914017.96	4/23/2014	62.7	117.1	54.4	46.46	62.36	61.1	59.96	(0.34)	(1.60)	(2.74)
Prairie	04N07W03DCB1	345942.1	914412.48	4/23/2014	89.2	170.7	81.5	47.74	89.17	90	86.61	(0.03)	0.80	(2.59)

Alluvial Aquifer

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County	Station ID	Latitude	Longitude	Date Measured	14 DTW	Aq Thickness	Saturated, ft	%Saturated	13 DTW	09 DTW	04 DTW	Δ'13-'14	Δ'09-'14	Δ'04-'14
Prairie	04N07W20DDB1	345709.23	914607.27	4/23/2014	103.77	174.5	70.73	40.53	103.24		109.52	(0.53)		5.75
Prairie	04N07W28BBA1	345700.53	914544.88	4/23/2014	98.4	177.5	79.1	44.56	98.22	98	94.75	(0.18)	(0.40)	(3.65)
Prairie	04N04W07ADC1	345850.31	912733.07	4/25/2014	22.78					23.1	25.53		0.32	2.75
							Avg % Saturated	32.50	Declines/ Wells			8/16	6/12	13/17
									Average Change			0.76	(0.66)	(1.79)
Randolph	18N02E22DCD1	361045.76	905104.7	5/22/2014	42.18	151.6	109.42	72.18	42.79	41.9	25.27	0.61	(0.28)	(16.91)
Randolph	20N02E01ADD1	362424.21	904811.39	5/22/2014	8.89	138.4	129.51	93.58	16.43	13.54	11.22	7.54	4.65	2.33
Randolph	20N03E28BA1	362113.53	904537.97	5/22/2014	10.56	134.1	123.54	92.13	13.4	12.7	10.93	2.84	2.14	0.37
Randolph	18N01E34AAC1	360942.69	905729.13	5/22/2014	18.75					18.2	15.93		(0.55)	(2.82)
							Avg % Saturated	85.96	Declines/ Wells			0/3	2/4	2/4
									Average Change			3.66	2.17	(4.74)
St. Francis	04N01W17CBC1	345735	910801	4/23/2014	65.49	149.0	83.51	56.05	63.85	62.8		(1.64)	(2.69)	
St. Francis	04N01W28CDD1	345535.26	910633.55	4/23/2014	75.39	157.2	81.81	52.04	75.6	74.5	68.28	0.21	(0.89)	(7.11)
St. Francis	04N02E19BBB1	345701	905633	4/23/2014	64.87	153.8	88.93	57.82	64.9		58.36	0.03		(6.51)
St. Francis	05N01E15BCB1	350302.57	905942.41	4/23/2014	76.32	143.4	67.08	46.78	71.98	68.4	63.48	(4.34)	(7.92)	(12.84)
St. Francis	05N01E27BBA1	350135.73	905928.78	4/22/2014	74.23	145.8	71.57	49.09	71.23	70.8	65.43	(3.00)	(3.43)	(8.80)
St. Francis	05N02E20ADC1	350156.9	905437.16	4/23/2014	59.73	150.8	91.07	60.39	60.2	57.7	53.08	0.47	(2.03)	(6.65)
St. Francis	05N03E20AAA2	350214.31	904800.83	4/22/2014	107.3	192.6	85.3	44.29	99.4	96.15	102.73	(7.90)	(11.15)	(4.57)
St. Francis	05N05E19DCA1	350127.57	903630.35	4/22/2014	31.95				32.9	33.1		0.95	1.15	
St. Francis	05N06E34CAB1	350025.57	902656.87	4/22/2014	26.19	141.8	115.61	81.53	26.7	28.3	26.46	0.51	2.11	0.27
St. Francis	06N01E33ACA2	350552.33	905941.6	4/22/2014	76.24	142.4	66.16	46.46	63.77	61	65.34	(12.47)	(15.24)	(10.90)
St. Francis	06N02E13DCA1	350812.64	905002.71	4/22/2014	80.2					81.8	73.61		1.60	(6.59)
St. Francis	06N02E15BDD1	350841.91	905247.31	4/22/2014	66.67	150.0	83.33	55.55	65.6	65.4	58.57	(1.07)	(1.27)	(8.10)
St. Francis	06N02E24AAA1	350755.19	905002.42	4/22/2014	84.65						71.49			(13.16)
St. Francis	06N06E20ABB2	350747.06	902841.2	4/22/2014	37.11						35.25			(1.86)
St Francis	04N03E21DAD1	345623.05	904655.33	4/22/2014	69.09									
							Avg % Saturated	55.00	Declines/ Wells			6/11	9/12	11/12
									Average Change			(2.57)	(3.61)	(7.24)
White	05N07W10CCC1	350400.22	914436	4/30/2014	8.22	115.2	106.98	92.86	8.71	10	8.78	0.49	1.78	0.56
White	06N07W17DCC1	350822.47	914634.73	4/30/2014	9.48	127.2	117.72	92.55	13.08		12.21	3.60		2.73
White	06N08W13ABA1	350907.73	914824.37	4/30/2014	6.45	137.8	131.35	95.32	11.37	9.9	7.4	4.92	3.45	0.95
White	06N08W26DDB1	350639.72	914931.17	4/30/2014	10.63	141.7	131.07	92.50	16.04	12	12.25	5.41	1.37	1.62
White	07N05W01AAA1	351552.59	912858.14	5/2/2014	13.22	111.5	98.28	88.14	15.67	13.5	15.35	2.45	0.28	2.13
White	07N05W32BAB1	351136.63	913406.19	4/30/2014	26.83	120.1	93.27	77.66	29.48	27.2	29	2.65	0.37	2.17
White	08N04W06CCB1	352028.21	912846.51	5/2/2014	13.98	121.4	107.42	88.48	14.99	14	16.16	1.01	0.02	2.18
White	05N07W09AAA1	350446.87	914441.48	4/30/2014	10.76					13	14.82		2.24	4.06
White	06N06W18BBC1	350851.33	914151.92	4/30/2014	10.95					15.2	14.67		4.25	3.72
White	06N06W34AAB1	350623.57	913753.55	4/30/2014	60.8					62.1	59.7		1.30	(1.10)
							Avg % Saturated	89.65	Declines/ Wells			0/7	0/9	1/10
									Average Change			2.93	1.67	1.90

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County	Station ID	Latitude	Longitude	Date Measured	14 DTW	Aq Thickness	Saturated, ft	%Saturated	13 DTW	09 DTW	04 DTW	Δ'13-'14	Δ'09-'14	Δ'04-'14
Woodruff	04N03W03AB1	350020.93	911819.87	5/5/2014	11.6	87.7	76.1	86.77	12.9	20.6	13.48	1.30	9.00	1.88
Woodruff	05N03W31BAC1	350110	912127	3/31/2014	11						5.8			(5.20)
Woodruff	05N04W12DBA1	350426.78	912210.78	5/5/2014	4.08	89.0	84.92	95.42		4.2	4.67		0.12	0.59
Woodruff	06N01W11AAB1	350944	910354	5/6/2014	66.65	137.5	70.85	51.53	66.25			(0.40)		
Woodruff	06N01W27BCC1	350641	910544	5/6/2014	56.32									
Woodruff	06N01W28DAD1	350629	910548.9	5/6/2014	57.08									
Woodruff	06N03W15BAB1	350903.06	911807.41	5/5/2014	4.42	94.7	90.28	95.33	5.5	6.7	5.72	1.08	2.28	1.30
Woodruff	06N03W31BCB1	350623	912144	5/5/2014	1.62	88.8	87.18	98.18	3.93	2.6	2.26	2.31	0.98	0.64
Woodruff	06N04W22BDA1	350807	912428	3/31/2014	2						4.9			2.90
Woodruff	07N01W04ABB1	351555.4	910607.2	5/6/2014	63.13									
Woodruff	07N01W04ACB1	351541	910626	3/31/2014	67.5						60.3			(7.20)
Woodruff	07N03W19AAA1	351335	912025.42	5/2/2014	9.42	109.5	100.08	91.40	10.84	11.3	11.7	1.42	1.88	2.28
Woodruff	08N01W06DDD1	352028	910747	5/6/2014	45.25	135.4	90.15	66.58	48.15	48	42.23	2.90	2.75	(3.02)
Woodruff	08N02W27DDB1	351711	911107	3/31/2014	30						25.5			(4.50)
Woodruff	08N02W31DDD1	351611	911411	5/2/2014	3.06					8.1	5.36		5.04	2.30
Woodruff	08N03W04BBB1	352128	911919	5/2/2014	16.57	131.3	114.73	87.38	17.78	18.7		1.21	2.13	
Woodruff	08N03W31AAD1	351655	912028	5/2/2014	20.02					21.9	21.77		1.88	1.75
Woodruff	09N03W28ABB1	352310	911845	3/19/2014	22									
Woodruff	09N03W29AAD1	352258	911921	5/2/2014	20.34	131.0	110.66	84.47	21.85	21	20.6	1.51	0.66	0.26
Woodruff	05N01W13CDC1	350244	910331	3/31/2014	80.5					77.5	74.1		(3.00)	(6.40)
Woodruff	05N02W20DCB1	350207.8	911356.19	5/5/2014	13.95						13.94			(0.01)
Woodruff	06N02W19AAA1	350802	911419	3/31/2014	49						44.7			(4.30)
Woodruff	07N03W31BBA1	351152	912103	3/31/2014	9						14.7			5.70
Woodruff	09N03W32ACA1	352205	911936	3/19/2014	22						19.3			(2.70)
							Avg % Saturated	84.12	Declines/ Wells			1/8	1/11	8/18
									Average Change			1.42	2.16	(0.76)
								Declined/ Wells				113/255	179/303	265/359
								Total Percent Decline				44.3	59.1	73.8
								Total Avg Change				0.16	(1.01)	(3.72)

Appendix B

Sparta / Memphis Aquifer Water Level Monitoring Data

Sparta Aquifer

2004, 2009,2013,2014 Water Level Change

County	Station ID	Latitude	longitude	Date	14 DTW	13 DTW	09 DTW	04 DTW	Δ'13-'14	Δ'09-'14	Δ'04-'14
Arkansas	03S03W18CCC2	342553	912251	4/30/2014	150.09	140.4			(9.69)		
Arkansas	02S04W06CDB1	343311.54	912849.29	4/10/2014	174.55	159.82	160.98	165.4	(14.73)	(13.57)	(9.15)
Arkansas	02S04W23DAA1	343044.22	912354.53	4/10/2014	150.65	144.84	141.41	143.50	(5.81)	(9.24)	(7.15)
Arkansas	02S04W33BBB1	342922.14	912702.68	4/10/2014	177.75		166.79	162.50		(10.96)	(15.25)
Arkansas	02S05W16CBB1	343143.56	913318.67	4/8/2014	180.85	173.82	172.68	171.20	(7.03)	(8.17)	(9.65)
Arkansas	02S05W34ABC1	342925	913147	4/8/2014	185.28	179.71	181.77	178.20	(5.57)	(3.51)	(7.08)
Arkansas	03S03W18CCC2	342553	912251	1/29/2014	154.41	145.52			(8.89)		
Arkansas	03S04W02CCB1	342747.58	912458.04	4/10/2014	155.16	152.46	149.71	151.20	(2.70)	(5.45)	(3.96)
Arkansas	03S04W26CDA1	342421.03	912438.3	4/15/2014	145.85	144.56	144.10	144.70	(1.29)	(1.75)	(1.15)
Arkansas	03S04W33BAA1	342406.95	912639.02	4/15/2014	164.5	155.84		155.60	(8.66)		(8.90)
Arkansas	03S05W02AAB1	342842.19	913033.71	4/28/2014	176.07	170.72	174.79	173.40	(5.35)	(1.28)	(2.67)
Arkansas	03S05W13BDC1	342631.15	913004.57	4/10/2014	178.6	168.27	174.57	173.40	(10.33)	(4.03)	(5.20)
Arkansas	03S05W15CBB1	342633.21	913229.33	4/15/2014	176.35	178.94	176.86	170.60	2.59	0.51	(5.75)
Arkansas	03S05W18CAB1	342629.37	913524.68	4/15/2014	172.25	165.3	161.94	162.90	(6.95)	(10.31)	(9.35)
Arkansas	03S05W28DAB1	342447.16	913240.25	4/15/2014	176.76	167.21	173.68	169.00	(9.55)	(3.08)	(7.76)
Arkansas	03S06W21ACB1	342554.07	913927.23	4/15/2014	161.8	159.07	156.31	157.00	(2.73)	(5.49)	(4.80)
Arkansas	03S06W30BBD1	342515.54	914216.15	4/15/2014	159.5	151.64	160.82	156.40	(7.86)	1.32	(3.10)
Arkansas	04S01W04CBD1	342225.42	910808.42	4/22/2014	112.43	113.17	110.47	112.90	0.74	(1.96)	0.47
Arkansas	04S01W28BAA1	341926.96	910748.04	4/22/2014	106.64	105.99	104.43	104.25	(0.65)	(2.21)	(2.39)
Arkansas	04S04W11BCC1	342156.96	912501.52	4/15/2014	154.25	152.03	155.82	159.30	(2.22)	1.57	5.05
Arkansas	04S04W19CBB1	342003.73	912928.89	4/15/2014	164.08	157.54	157.76	156.70	(6.54)	(6.32)	(7.38)
Arkansas	04S04W22DAA1	342006.89	912515.15	4/15/2014	161.5	153.95	158.64	153.80	(7.55)	(2.86)	(7.70)
Arkansas	04S05W01BAA1	342322.23	912956.46	4/15/2014	181.67	162.09	168.16		(19.58)	(13.51)	
Arkansas	04S05W15AAA1	342132.16	913133.29	4/15/2014	179.42	165.29	169.79	165.00	(14.13)	(9.63)	(14.42)
Arkansas	05S01W17BAA1	341550.68	910745.34	4/24/2014	92.58	93.72	92.51	91.90	1.14	(0.07)	(0.68)
Arkansas	05S05W26CDD1	341323.75	913119.96	4/22/2014	36.17	35.79	34.63	38.85	(0.38)	(1.54)	2.68
Arkansas	05S05W36DAA1	341245.1	912946.65	4/22/2014	145.75	143.13	146.88	102.55	(2.62)	1.13	(43.20)
Arkansas	06S02W06ABB1	341227.9	911620.01	4/24/2014	119.17	118.34	113.25	117.05	(0.83)	(5.92)	(2.12)
Arkansas	06S02W17ADA1	341022.67	911453.14	4/24/2014	113.45	113.5	112.68	112.10	0.05	(0.77)	(1.35)
Arkansas	06S02W22CDB1	340904.05	911331.06	4/24/2014	111	112.02	110.83	110.30	1.02	(0.17)	(0.70)
Arkansas	06S03W27BAA1	340859.22	912008.98	4/22/2014	120.2	119.1	117.84	118.25	(1.10)	(2.36)	(1.95)
						Decline/ Wells			**25/30**	**24/28**	**25/28**
						Average Change			**(5.24)**	**(4.27)**	**(6.24)**
Ashley	15S07W32CDD1	332117.77	915101.06	3/20/2014	138.17	139.3	149.86	136.50	1.13	11.69	(1.67)
Ashley	17S09W15ACC1	331333.66	920116.44	4/29/2014	23.27	24.54	19.93		1.27	(3.34)	
						Decline/ Wells			**0/2**	**1/2**	**1/1**
						Average Change			**1.20**	**4.18**	**(1.67)**

Sparta Aquifer

2004, 2009,2013,2014 Water Level Change

County	Station ID	Latitude	longitude	Date	14 DTW	13 DTW	09 DTW	04 DTW	Δ'13-'14	Δ'09-'14	Δ'04-'14
Bradley	12S09W31CCB1	333711.24	920444.21	3/27/2014	185.78	184.4	196.99	185.48	(1.38)	11.21	(0.30)
Bradley	13S09W06ACA1	333647.9	920437.48	3/27/2014	163.46	162.3		194.16	(1.16)		30.70
Bradley	13S09W06ACB2	333647.13	920416.84	3/12/2014	161.82	161.7	182.02		(0.12)	20.20	
Bradley	13S09W06DBD1	333625	920407	3/27/2014	184.75						
Bradley	13S11W17BCD1	333453.65	921607.25	3/27/2014	193.09	196	204.04	198.70	2.91	10.95	5.61
Bradley	15S11W31DDD1 Hilo	332142	921621	4/2/2014	100.17	100.7			0.53		
Bradley	16S12W21CAA1	331839.32	922052.38	3/27/2014	75.98	76.55	81.12		0.57	5.14	
						Decline/ Wells			**3/6**	**0/4**	**1/3**
						Average Change			**1.34**	**11.88**	**5.61**
Calhoun	11S14W12CAC3	334630.25	922928.17	6/23/2014	98.2			145.25			47.05
Calhoun	13S12W31DAA1	333233	922225	3/31/2014	57.55	57.5		59.65	(0.05)		2.10
Calhoun	13S13W32CDA1	333226.81	922741.66	4/15/2014	184.99	178.2	194.38	177.80	(6.79)	9.39	(7.19)
Calhoun	14S13W05BBD1	333206.66	922801.55	3/5/2014	149.18	149.6	158.81		0.42	9.63	
Calhoun	14S13W12CCB1	333040.05	922403.54	3/31/2014	161.39	169.2	177.48	169.10	7.81	16.09	7.71
Calhoun	15S13W20BDC1	332410.97	922806.59	4/24/2014	24.76	25.03	24.44	27.50	0.27	(0.32)	2.74
Calhoun	15S13W32BCA1	332230	922821	3/5/2014	112.59	116.8		108.70	4.21		(3.89)
						Decline/ Wells			**2/6**	**1/4**	**2/6**
						Average Change			**0.98**	**8.70**	**8.09**
Cleveland	09S09W04BBD1	335820.09	920236.95	3/12/2014	95						
Cleveland	09S11W11CDB1	335622.66	921250.52	3/25/2014	160.09	160.7	162.19	161.65	0.61	2.10	1.56
Cleveland	10S09W23CDC1	334917.94	920020.5	3/12/2014	163.97	172.5	163.04		8.53	(0.93)	
Cleveland	10S09W35ACD1	334757.93	915957.13	3/12/2014	155.53	166.4	158.71		10.87	3.18	
Cleveland	10S12W12BDD1	335132.99	921743.38	3/25/2014	118.47	122	121.44	119.40	3.53	2.97	0.93
						Decline/ Wells			**0/4**	**1/4**	**0/2**
						Average Change			**5.89**	**1.83**	**1.25**
Columbia	15S20W20CCB1	332453.37	931215.01	4/29/2014	216.95	217.1	217.85	216.80	0.15	0.90	(0.15)
Columbia	16S21W14CBB1	332049.37	931517.28	4/25/2014	207.89	200.5	199.86	193.80	(7.39)	(8.03)	(14.09)
Columbia	16S21W20CDC1	331943	931816	4/25/2014	263.14	258.1			(5.04)		
Columbia	16S22W22CCD1	331947.61	932224.89	4/25/2014	140.72	141.4	138.34	136.20	0.68	(2.38)	(4.52)
Columbia	17S19W15ABD1	331537	930329	7/22/2014	259.27	234.5		294.10	(24.77)		34.83
Columbia	17S19W18CBD1	331516.81	930655.59	5/15/2014	267.14	266.6	260.31	267.60	(0.54)	(6.83)	0.46

Sparta Aquifer

2004, 2009,2013,2014 Water Level Change

County	Station ID	Latitude	Longitude	Date	14 DTW	13 DTW	09 DTW	04 DTW	Δ'13-'14	Δ'09-'14	Δ'04-'14
Columbia	17S19W30ABB1	331406.12	930650.14	4/25/2014	206.69	184.1	217.72	218.40	(22.59)	11.03	11.71
Columbia	17S21W01BBC1	331743.07	931423.65	4/25/2014	249.99	251	255.40	258.40	1.01	5.41	8.41
Columbia	17S21W11DCC2 Magnolia	331608.55	931448.61	4/1/2014	268.08	268.9	273.21	283.65	0.82	5.13	15.57
Columbia	17S21W17BAB1	331607.99	931819.6	2/5/2014	191.13	197.3	198.81	204.50	6.17	7.68	13.37
Columbia	17S22W21ABD1	331516.59	932304.21	2/5/2014	83.03	82.71	82.23	82.00	(0.32)	(0.80)	(1.03)
Columbia	17S22W22ABB1	331522.02	932210.07	2/5/2014	133.35	134	135.13	136.20	0.65	1.78	2.85
Columbia	17S22W23BBB1	331520.74	932136.67	2/5/2014	147.26	148.2	129.61	144.85	0.94	(17.65)	(2.41)
Columbia	18S20W06DDC1	331142.63	931249.08	5/6/2014	317.28	295.6	295.65	299.50	(21.68)	(21.63)	(17.78)
Columbia	18S20W08CBC1	331114.79	931227.04	5/15/2014	261.19	264.2	270.36		3.01	9.17	
Columbia	18S20W10CAA1	331054.37	931015.76	5/15/2014	268.59	267.8	276.42	275.00	(0.79)	7.83	6.41
Columbia	18S21W26CCC1	330822	931545	5/16/2014	132.89						
Columbia	19S20W08DAB1 Emerson	330558	931156	4/1/2014	261.22	266.7			5.48		
Columbia	19S20W09CBD1	330555.38	931128.72	5/6/2014	260.61	260.2	264.02	266.70	(0.41)	3.41	6.09
Columbia	19S20W34BDD1	330239.09	931030.67	10/16/2014	207.41	194	201.72	211	(13.41)	(5.69)	3.59
Columbia	19S21W16DBB1	330517.2	931724.2	5/6/2014	171.13	174.5	174.38	174.70	3.37	3.25	3.57
Columbia	19S23W10ABD1	330643.92	932833.33	5/7/2014	44.9	45.77	45.09	44.69	0.87	0.19	(0.21)
Columbia	19S23W11CDA2	330609.39	932744.02	1/28/2014	52.2	51.5	52.54	52.20	(0.70)	0.34	0.00
Columbia	19S23W11DDB1	330604.93	932722.12	1/28/2014	52.46	52.43	53.76	53.20	(0.03)	1.30	0.74
Columbia	19S23W14BAB1	330554	932753	5/7/2014	44.03	44.57	52.11	49.30	0.54	8.08	5.27
Columbia	20S22W03DCC1	330138.44	932236.27	5/6/2014	51.53		52.40	52.42		0.87	0.89
Columbia	20S22W11ACD1	330109.2	932133.2	5/6/2014	106.59	106.4	107.49	107.80	(0.19)	0.90	1.21
Columbia	16S20W08DCC1	332114.08	931141.34	2/24/2014	322.3	314	320.99	318	(8.30)	(1.31)	(4.30)
Columbia	16S21W15CBC1	332042.77	931620.57	2/20/2014	215.7						
						Decline/ Wells			**14/26**	**8/25**	**8/24**
						Average Change			**(3.17)**	**0.12**	**2.94**
Craighead	13N03E23CDD1	354404.17	904432.83	4/28/2014	95.13		91.25	86.60		(3.88)	(8.53)
Craighead	14N04E22CBD1	354928.92	903920.99	5/1/2014	62.56		59.67	45.80		(2.89)	(16.76)
Craighead	14N04E28DBD1	354836.94	903953.27	4/30/2014	52.07		64.89	58.25		12.82	6.18
Craighead	14N05E36CBC1	354750.84	903100.18	4/29/2014	12.9		13.16	12.10		0.26	(0.80)
Craighead	15N04E20ADB1	355506.01	904043.21	4/29/2014	118.59		119.08	119.65		0.49	1.06
Craighead	15N05E29DBB1	355359.83	903432.73	4/29/2014	25.66		25.24	24.00		(0.42)	(1.66)
Craighead	15N06E18ACA1	355544.42	902858.2	4/29/2014	19.49		18.66	16.80		(0.83)	(2.69)
						Decline/ Wells				**4/7**	**5/7**
						Average Change				**0.79**	**(3.31)**

Sparta Aquifer

2004, 2009,2013,2014 Water Level Change

County	Station ID	Latitude	Longitude	Date	14 DTW	13 DTW	09 DTW	04 DTW	Δ'13-'14	Δ'09-'14	Δ'04-'14
Crittenden	09N07E21BBB1 near Heafer	352341.22	902130.65	4/18/2014	25.69						
Cross	06N04E06ACA1	351004.29	904237.72	4/23/2014	201.75		205.58	216.80		3.83	15.05
Cross	07N03E17CAD1	351304	904822	4/22/2014	122.49						
Cross	07N05E04ADD1	351538.11	903329.85	4/23/2014	36.48		35.80	33.00		(0.68)	(3.48)
Cross	09N01E16CAC1	352405	905950.75	4/22/2014	96.39		92.54	92.50		(3.85)	(3.89)
Cross	09N01E25AAD1	352244.31	905554	4/22/2014	94.31		91.54	86.90		(2.77)	(7.41)
Cross	09N03E22AAB2	352403.82	904518.39	4/23/2014	136.48		129.23	125.60		(7.25)	(10.88)
Cross	09N03E22AAD1	352403.2	904511.77	4/23/2014	128.77			130.30			1.53
						Decline/ Wells				**4/5**	**4/6**
						Average Change				**(2.14)**	**(1.51)**
Dallas	07S14W30DCC1	340430.87	923359.85	3/25/2014	121.4		120.40			(1.00)	
Dallas	07S15W33DAC1	340402	923752	3/31/2014	26	27.58			1.58		
Dallas	07S16W20CAB1	340555.17	924545.07	3/26/2014	27.9	28.3	26.95	26.10	0.40	(0.95)	(1.80)
Dallas	08S16W27DDD1	335936.75	924307.17	3/26/2014	32.7	34.76	33.29	33.80	2.06	0.59	1.10
Dallas	09S14W01BDC1	335753.63	922918.78	4/1/2014	85.3		82.60	79.10		(2.70)	(6.20)
Dallas	09S16W19CAA1	335605.48	924701.17	3/26/2014	7.9	7.08	7.25	7.20	(0.82)	(0.65)	(0.70)
Dallas	10S13W34ACA2	334829.46	922457.61	4/1/2014	151.9	151.41	151.08	151.30	(0.49)	(0.82)	(0.60)
Dallas	10S14W27CDB1	334907.6	923137.99	4/1/2014	24.4	26.63	32.36	25.50	2.23	7.96	1.10
Dallas	10S15W11DBB1	335201	923632	4/1/2014	59.4	58.79			(0.61)		
Dallas	10S15W18BCC1	335119.53	924120.08	3/31/2014	77.9	78.48	76.44	76.80	0.58	(1.46)	(1.10)
						Decline/ Wells			**3/8**	**6/8**	**5/7**
						Average Change			**0.62**	**0.12**	**(1.17)**
Desha	09S02W26AAC1	335346	911520.82	4/11/2014	74.08	73.66	73.83	71.80	(0.42)	(0.25)	(2.28)
Desha	09S04W28DDD1	335309.6	913006.71	4/2/2014	113.05	114.6	113.98	115.00	1.55	0.93	1.95
Desha	12S03W34DAD1	333643.44	912305.04	4/2/2014	77.49	80.65	84.63	75.00	3.16	7.14	(2.49)
						Decline/ Wells			**1/3**	**1/3**	**2/3**
						Average Change			**1.43**	**2.61**	**(0.94)**
Grant	03S13W12AAA1	342845.65	922106.24	3/24/2014	131.3	130	134.47		(1.30)	3.17	
Grant	03S15W26DAA1	342600.52	923447.01	3/20/2014	7.2	7	11.98		(0.20)	4.78	
Grant	04S15W02DAC1	342405	923456	3/20/2014	86.3	86			(0.30)		
Grant	05S13W03CAA1	341843.97	922400.47	3/25/2014	84.2	86	90.07		1.80	5.87	
Grant	05S13W03CDA4	341837.64	922401.95	3/25/2014	104.8	110	116.39		5.20	11.59	

Sparta Aquifer

2004, 2009,2013,2014 Water Level Change

County	Station ID	Latitude	Longitude	Date	14 DTW	13 DTW	09 DTW	04 DTW	Δ'13-'14	Δ'09-'14	Δ'04-'14
Grant	05S14W06DCC1	341842.5	923326.69	3/24/2014	88.4	84	89.57		(4.40)	1.17	
Grant	05S15W05ABD1	341923.78	923826.87	3/24/2014	13.4	13	16.41		(0.40)	3.01	
Grant	06S11W05ACD1	341340.82	921413.01	3/19/2014	195.4	196	217.63		0.60	22.23	
Grant	06S15W26ACA1	341021.99	923537.59	3/19/2014	63.8	65	75.47		1.20	11.67	
Grant	07S12W21BDB1	340558.11	921952.7	3/19/2014	5	4.4	2.37		(0.60)	(2.63)	
						Decline/ Wells			**6/10**	**1/9**	
						Average Change			**0.16**	**6.76**	
Hot Springs	05S16W35ACA1	341459.51	924151.12	4/2/2014	36.45	37.1	35.47		0.65	(0.98)	
Jefferson	03S11W22ABC1	342650.81	921058.27	3/11/2014	171.65	173	178.17	175.40	1.35	6.52	3.75
Jefferson	04S11W14BAD1	342219.74	921000.07	3/18/2014	306.06		316.13	309.20		10.07	3.14
Jefferson	05S08W30ADB1 near Pine B	341452.32	915440.2	1/31/2014	281.57	288.8	296.14	299.65	7.23	14.57	18.08
Jefferson	05S10W16DBB1	341634.59	920542.79	3/18/2014	265.05		313.03	294.75		47.98	29.70
Jefferson	06S08W16CCC1	341143.07	915517.06	4/1/2014	241.17	247.2	255.38	258.80	6.03	14.21	17.63
Jefferson	6S10W23ACA2	341123.09	920503.93	3/26/2014	223.59	217.34	227.88	224.9	(6.25)	4.29	1.31
Jefferson	3S8W19BDB	342618.71	915455.22	4/2/2014	158.58		179.38	166.6		20.80	8.02
Jefferson	3S8W19BAD1	342623.76	915443.67		174		176.38	169.3		2.38	(4.70)
Jefferson	3S8W19BBD1	342628.36	915504.54	4/2/2014	165.5		183.26	169.3		17.76	3.80
Jefferson	7S7W24BAB	340632.68	914522.99	3/26/2014	162.78	168.5	172.56	163.4	5.72	9.78	0.62
Jefferson	4S10W29ADB1	341814	920512	3/26/2014	206.39		212.06	216.5		5.67	10.11
Jefferson	3S10W27AAD	342502.05	920433.81	4/2/2014	124.6		139.14	122.6		14.54	(2.00)
Jefferson	6S09W17CAD	341158.7	920206.91	3/26/2014	264.55	263.57	259.15	286.4	(0.98)	(5.40)	21.85
Jefferson	5S09W31DDC	341336.69	920109.42	3/26/2014	257.58		275.32	277.85		17.74	20.27
Jefferson	4S09W11BAA	342309.29	915702.22	4/2/2014	109.3	143.3			34.00		
Jefferson	3S09W23BCA1	342626.95	915712.96	4/2/2014	163.3	163.86	188.64	171.1	0.56	25.34	7.80
						Decline/ Wells			**2/8**	**1/15**	**2/15**
						Average Change			**5.96**	**13.75**	**9.29**
Lafayette	16S23W12CAD1	332142.57	932608.59	4/23/2014	61.8		78.77			16.97	
Lafayette	17S23W19ACC1	331519.6	933127.61	4/23/2014	54.4	55.29	54.00		0.89	(0.40)	
Lafayette	17S24W23BBD1	331525.67	933402.79	4/23/2014	34.6	34.79			0.19	(34.60)	
Lafayette	18S23W29ACC1	330910.83	933039.27	4/23/2014	17.3	18.38	11.52		1.08	(5.78)	
Lafayette	19S23W29BDB1	330351.94	933103.37	4/23/2014	39.8	41.68	42.29		1.88	2.49	
Lafayette	20S23W05ADB1	330223.35	933036.08	4/23/2014	38.5	40.17	39.87		1.67	1.37	
						Decline/ Wells			**0/5**	**3/6**	
						Average Change			**1.14**	**(3.33)**	

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County	Station ID	Latitude	Longitude	Date	14 DTW	13 DTW	09 DTW	04 DTW	Δ'13-'14	Δ'09-'14	Δ'04-'14
Lee	01N04E09CDD1	344209.69	904119.07	4/15/2014	66.9	67.75	66.48		0.85	(0.42)	
Lee	03N03E28CDB1	345005.93	904748.84	4/16/2014	54.8	67.27	64.71		12.47	9.91	
						Decline/ Wells			**0/2**	**1/2**	
						Average Change			**6.66**	**4.75**	
Lincoln	07S07W30CDC1	340443.93	915042.86	4/1/2014	171.4	173.3	189.56	178.40	1.90	18.16	7.00
Lincoln	08S05W03BAA2	340309.54	913453.58	4/1/2014	132.2	133.7	154.59	141.20	1.50	22.39	9.00
Lincoln	08S05W35ACC1	335906.6	913337.26	4/1/2014	124.51	124.8	153.44		0.29	28.93	
Lincoln	08S08W35DBB1	335858.35	915222.4	4/1/2014	211.96	209.1	221.8	207.20	(2.86)	9.84	(4.76)
Lincoln	09S07W07DAD1	335633.89	915128.31	4/1/2014	263	263.5	283.36	264.60	0.50	20.36	1.60
						Decline/ Wells			**1/5**	**0/5**	**1/4**
						Average Change			**0.27**	**19.94**	**3.21**
Lonoke	01N07W03BCC1	344425.34	914503.28	4/8/2014	105.06						
Lonoke	01S08W02DBD1	343854.72	914959.73	4/7/2014	97.2	109.4	107.17		12.20	9.97	
Lonoke	02N07W06ACD1	344939.05	914737.03	4/9/2014	138.58	128	128.74		(10.58)	(9.84)	
Lonoke	02N07W09AAA1	344906.42	914500.3	4/10/2014	104.13	103.4	100.58	99.60	(0.73)	(3.55)	(4.53)
Lonoke	02N07W22DBA1	344651.49	914425.68	4/10/2014	138.91	137.8	134.45	130.80	(1.11)	(4.46)	(8.11)
Lonoke	02N07W24DAC1	344650.23	914209.37	4/10/2014	172.9						
Lonoke	02N07W32DDD1	344453.26	914618.97	4/8/2014	148.6	143.9	142.30	137.90	(4.70)	(6.30)	(10.70)
Lonoke	02S07W08DCC1	343235.49	914700.29	4/7/2014	134.9	131	145.17	137.20	(3.90)	10.27	2.30
Lonoke	02S08W16BDA1	343227.68	915232.49	4/7/2014	130.6	124.5	124.86		(6.10)	(5.74)	
Lonoke	02S09W15BBB2	343246.5	915825	4/7/2014	72.2	73.1	80.81	71.00	0.90	8.61	(1.20)
Lonoke	03N07W03CAA1	345444.9	914426.3	4/9/2014	84.52		80.55	77.95		(3.97)	(6.57)
Lonoke	03N08W22DAD1	345205.16	915023.62	4/9/2014	99.47		96.77	87.58		(2.70)	(11.89)
Lonoke	03N08W22DAD2	345204.58	915023.87	2/3/2014	102.05		99.48	95.00		(2.57)	(7.05)
Lonoke	03N08W22DDD2	345152.18	915025.08	2/3/2014	100.21		100.59	96.12		0.38	(4.09)
						Decline/ Wells			**7/10**	**9/14**	**8/9**
						Average Change			**(1.75)**	**(0.82)**	**(5.76)**
Monroe	01N01W15DBC2	344139	910542	4/30/2014	66.1	65.64			(0.46)		
Monroe	01N03W14CCB1	344143.93	911801.12	4/10/2014	75.47		77.28	68.40		1.81	(7.07)
Monroe	03N02W26DAB1	345042.21	911025.59	4/10/2014	52.57	51.18	50.58	45.50	(1.39)	(1.99)	(7.07)
Monroe	04N02W30BAC1	345617.03	911503.95	4/9/2014	9.28		14.78	9.00	(9.28)	5.50	(0.28)
Monroe	04N02W30BAD1	345617.24	911514.62	4/9/2014	24.38		18.74			(5.64)	
						Decline/ Wells			**3/3**	**2/4**	**3/3**
						Average Change			**(3.71)**	**(0.08)**	**(4.81)**

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County	Station ID	Latitude	Longitude	Date	14 DTW	13 DTW	09 DTW	04 DTW	Δ'13-'14	Δ'09-'14	Δ'04-'14
Ouachita	11S15W27ABD1	334440.87	923725.58	3/18/2014	69.47	68.02	70.76	70.30	(1.45)	1.29	0.83
Ouachita	11S17W14CAC1	334631.35	924927.46	3/11/2014	19.87	19.5	21.58		(0.37)	1.71	
Ouachita	11S18W20AAA1	334614.25	925759.33	3/13/2014	34.68		45.50			10.82	
Ouachita	12S15W09BBA1	334223.32	923922.44	3/18/2014	53.98	48.39	58.57	73.35	(5.59)	4.59	19.37
Ouachita	12S16W25BDA1	333929	924211	3/18/2014	30.77						
Ouachita	12S16W25BDC1	333929.4	924210.82	1/14/2014	29.82	37.08	34.48	34.50	7.26	4.66	4.68
Ouachita	12S16W26ABD1	333945.55	924304.12	3/18/2014	18.97	34.05	35.57	44.15	15.08	16.60	25.18
Ouachita	12S18W19CDC1	334013.98	925951.31	3/13/2014	29.74	31.34	23.42	15.80	1.60	(6.32)	(13.94)
Ouachita	12S18W25CAB1	333937.19	925441.87	3/13/2014	78.35		80.41	77.80		2.06	(0.55)
Ouachita	12S19W09BAB1	334251.46	930351.94	3/13/2014	12.95	12.9	10.88	15.20	(0.05)	(2.07)	2.25
Ouachita	13S16W28ADD1	333416.22	924450.63	3/18/2014	25.53	25.7	34.19		0.17	8.66	
Ouachita	13S18W06CBB1	333758	930013	3/13/2014	115.63						
Ouachita	13S19W28BCD1	333433.86	930417.81	3/18/2014	37.53	33.6	39.32	37.40	(3.93)	1.79	(0.13)
Ouachita	12S19W35BDD1	333901.13	930145.97	9/9/2014	159.75		157.61	159.75		(2.14)	0.00
Ouachita	14S16W32BDB1	332815.62	924639.52	3/11/2014	21.64	29.07	24.31	26.00	7.43	2.67	4.36
Ouachita	14S17W02ABB1	333252.75	924926.84	3/11/2014	17.53	24.8	17.80		7.27	0.27	
Ouachita	4S17W05CAD1 near Camde	333238.01	925254.64	4/1/2014	37.31	38.11	37.40	37.10	0.80	0.09	(0.21)
Ouachita	14S17W19DBB1	333002.2	925345.44	3/19/2014	12.56	18.66	12.71	10.30	6.10	0.15	(2.26)
Ouachita	14S17W32CAD1	332803.41	925251.18	3/19/2014	78.39	69.2	79.50	82.00	(9.19)	1.11	3.61
Ouachita	14S18W27BDC1	332917.6	925703.97	3/31/2014	43.61	43.96	43.82	42.90	0.35	0.21	(0.71)
Ouachita	14S19W29ABB1	332941.45	930513.43	3/18/2014	90.44	90.1	89.04	86.70	(0.34)	(1.40)	(3.74)
Ouachita	15S15W32DBB2	332233.72	924027.13	3/11/2014	152.99	156	170.03	175.00	3.01	17.04	22.01
Ouachita	15S16W23DAC1	332416.77	924314.16	3/11/2014	120.84	123.6	127.23		2.76	6.39	
Ouachita	15S16W30DBD1	332332	924729	3/11/2014	186.69	189.4			2.71		
Ouachita	15S18W36ADD1	332310.75	925436.06	3/19/2014	89.96	90.5	95.24	95.10	0.54	5.28	5.14
Ouachita	15S19W21CDD2 Stephens	332438.02	930431.9	4/1/2014	188.13	188	199.76		(0.13)	11.63	
Ouachita	11S17W36CCA1	334341.11	924834.21	3/11/2014	7.6		10.64			3.04	
Ouachita	13S18W06BBA1	333819	930006	3/4/2014	112	115			3.00		
Ouachita	13S18W31BDD1	333343.29	925956.42	3/12/2014	70.7		72.04	71.7		1.34	1.00
Ouachita	14S17W03CBA1	333234	925055	3/12/2014	16.6	17.1			0.50		
						Decline/ Wells			**8/23**	**4/21**	**7/18**
						Average Change			**1.63**	**3.58**	**3.72**
Phillips	01S02E32DDC1	343324.32	905455.41	4/9/2014	81.25	78.95	86.43	75.70	(2.30)	5.18	(5.55)
Phillips	02S02E01ADC1	343323.48	905056.27	4/8/2014	27.45	37.17	36.47	35.50	9.72	9.02	8.05
Phillips	02S04E02DBA1	343242.87	903906.98	4/30/2014	96.8	109.6	125.68	103.30	12.80	28.88	6.50
Phillips	03S03E30DAA1	342402.88	904914.59	4/8/2014	43.92	42.82	37.23	42.90	(1.10)	(6.69)	(1.02)
Phillips	04S02E25CCC1	341824.2	905121.49	4/8/2014	29.8	33.59	40.59	37.10	3.79	10.79	7.30
						Decline/ Wells			**2/5**	**1/5**	**2/5**
						Average Change			**4.58**	**9.44**	**3.06**

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County	Station ID	Latitude	longitude	Date	14 DTW	13 DTW	09 DTW	04 DTW	Δ'13-'14	Δ'09-'14	Δ'04-'14
Poinsett	10N01E15DBB1	352930.54	905825.14	4/22/2014	98.45		99.23	89.20		0.78	(9.25)
Poinsett	10N01E33ABA1	352724.9	905924.05	4/22/2014	95.71		80.38	76.10		(15.33)	(19.61)
Poinsett	11N02E11BDC1 near Weiner	353605.5	905107	1/30/2014	119.54						
Poinsett	11N02E16CCC1	353448.21	905321.22	5/1/2014	118.09		111.48	104.90		(6.61)	(13.19)
						Decline/ Wells				**2/3**	**3/3**
						Average Change				**(7.05)**	**(14.02)**
Prairie	01N06W34CBB1	343943.01	913846.17	4/16/2014	163.09	159.5	159.78	172.40	(3.59)	(3.31)	9.31
Prairie	01S05W06BCB1	343903.98	913531.63	4/17/2014	168.59	155.6	154.53		(12.99)	(14.06)	
Prairie	01S06W01BDD2	343859.48	913612.77	4/17/2014	164.95	160.8	160.68	159.90	(4.15)	(4.27)	(5.05)
Prairie	01S06W11DBD1	343748.99	913654.24	4/17/2014	170.74	166.6	161.40	173.60	(4.14)	(9.34)	2.86
Prairie	01S06W12BAB2	343826	913613	3/5/2014	175.23	167.1			(8.13)		
Prairie	02N05W21CBB2	344649	913300	3/5/2014	111.54						
Prairie	02N05W24BCA4	344659	912937	4/15/2014	119.3	104.4		102.45	(14.90)		(16.85)
Prairie	02N06W04DBB1	344928	913852	4/15/2014	117.6		101.96			(15.64)	
Prairie	02N06W19AAB1	344718.24	914049.95	4/15/2014	156.8	155.9	145.46	145.57	(0.90)	(11.34)	(11.23)
Prairie	02N06W20BCB1	344706.57	914032.97	4/15/2014	157.08	152	141.86	154.00	(5.08)	(15.22)	(3.08)
Prairie	02N06W21DAD1	344644.15	913829.47	4/15/2014	124.92	123.6	121.35	131.20	(1.32)	(3.57)	6.28
Prairie	02N06W22BDD1	344653.66	913800.68	4/15/2014	127.7	121.1	128.97	124.30	(6.60)	1.27	(3.40)
Prairie	02N06W24CAA2 at Hazen S	344651	913551	4/10/2014	119.23						
Prairie	03N05W03ADA2	345451.65	913042.51	4/16/2014	61.2		58.99	67.20		(2.21)	6.00
Prairie	03N06W20CDD1	345140.24	914003.93	4/15/2014	87.77		86.99	84.60		(0.78)	(3.17)
						Decline/ Wells			**10/10**	**10/12**	**7/11**
						Average Change			**(6.18)**	**(7.13)**	**(1.83)**
Union	16S14W15CAB1	331944.03	923218.09	2/25/2014	134	124.9	152.73	159.90	(9.10)	18.73	25.90
Union	16S14W34CBC1	331701	923229	5/29/2014	257.19						
Union	16S15W20DAA1	331859.92	923957.97	5/20/2014	251.3	258	252.98	273.30	6.70	1.68	22.00
Union	16S15W31ACC1	331717.09	924128.9	5/8/2014	243.78	246.5	259.78	300.10	2.72	16.00	56.32
Union	16S16W02ABC1 Smackover	332205.89	924328.6	4/3/2014	146.77	150.1	155.93	170.44	3.33	9.16	23.67
Union	16S16W03CBC1	332138	924507	2/20/2014	208.89	209.6		227.40	0.71		18.51
Union	16S17W36DCC1	331700	924842	5/27/2014	222.04	222.3			0.26		
Union	16S18W34ABC2	331805.99	925708.91	5/20/2014	208.82	202.6	211.24	210.05	(6.22)	2.42	1.23
Union	17S13W31BAC1	331200.17	922915.7	5/30/2014	243.09	270.7	308.27	291.03	27.61	65.18	47.94
Union	17S14W10DCC1	331456.79	923203.26	5/30/2014	91.49	93.24	99.27	95.34	1.75	7.78	3.85
Union	17S14W15ABA1	331451.3	923159.8	5/30/2014	71.76	92.5	97.91	89.40	20.74	26.15	17.64

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County	Station ID	Latitude	longitude	Date	14 DTW	13 DTW	09 DTW	04 DTW	Δ'13-'14	Δ'09-'14	Δ'04-'14
Union	17S14W22BAB1 Union Schoo	331354.37	923224.17	4/3/2014	272.32	273.8			1.48		
Union	17S15W06BAA1	331645.6	924132.99	5/8/2014	215.23	219.2	231.03	257.15	3.97	15.80	41.92
Union	17S15W08CDD1	331504.77	924027.41	6/30/2014	259.37	266.1	279.20	333.65	6.73	19.83	74.28
Union	17S15W18DBB1 Monsanto	331438.96	924129.21	4/3/2014	275.92	280.6	295.76	346.48	4.68	19.84	70.56
Union	17S15W28DBA1	331246.08	923909.78	4/1/2014	319.19	321.3	334.12	387.40	2.11	14.93	68.21
Union	17S15W28DCC1	331232.92	923923.73	5/29/2014	366.89	370.9	426.09	452.40	4.01	59.20	85.51
Union	17S15W31DCA1	331145.05	924116.74	5/8/2014	384.13	374.6	380.73	434.15	(9.53)	(3.40)	50.02
Union	17S15W31DCA3	331144.43	924116.29	8/6/2014	105.64	104.9			(0.74)		
Union	17S15W31DDA1	331143.75	924104.87	4/4/2014	363.05	364.8	375.12	422.80	1.75	12.07	59.75
Union	17S15W33BA1	331223	923925	5/29/2014	360.08						
Union	17S15W36BAB1	331217	923629	5/29/2014	329.21	330.2			0.99		
Union	17S16W01BAA1	331649.04	924232.96	5/8/2014	250.86	255.6	268.10	312.50	4.74	17.24	61.64
Union	17S17W25DBA2 Airport	331256	924838	4/1/2014	313.38	315.9	328.58		2.52	15.20	
Union	17S17W30DCD1	331257.41	925355.54	2/26/2014	288.55	298.5	325.07		9.95	36.52	
Union	18S12W33BBB1	330650.4	922120.16	2/25/2014	140.84	137.1	136.20	139.20	(3.74)	(4.64)	(1.64)
Union	18S12W33CBC1 Strong	330618.47	922113.46	4/2/2014	112.41	110.2			(2.21)		
Union	18S13W16ADD1	330915	922634	5/30/2014	177.42	167.4			(10.02)		
Union	18S14W06CCD1	331039.23	923530.87	5/29/2014	340.48	309.3	339.28		(31.18)	(1.20)	
Union	8S15W03DAB1 Welcome Ce	331103.78	923802.12	4/3/2014	321.6	324.3	336.01		2.70	14.41	
Union	18S15W33ADA1	330659.32	923858.48	5/29/2014	365.73						
Union	18S15W35DAC1	330635.92	923707.32	2/26/2014	274.28	257	275.84		(17.28)	1.56	
Union	18S16W10CDD1	331000.38	924445.32	2/26/2014	276.8	273.4	308.87		(3.40)	32.07	
Union	18S16W11DAC1	331011.23	924316.37	2/26/2014	377.74	362.4	401.94		(15.34)	24.20	
Union	18S16W12ACB1	331028.75	924231.85	2/27/2014	388.94		391.21	456.70		2.27	67.76
Union	18S16W28BBB1	330809.22	924611.13	5/27/2014	283.04	287.1	329.26	326.10	4.06	46.22	43.06
Union	18S17W22BDD1	330855.91	925056.48	4/1/2014	320.41	323	331.58	356.80	2.59	11.17	36.39
Union	18S18W11ACD2	331050.91	925615.1	5/20/2014	245.17	257.2	261.67	284.55	12.03	16.50	39.38
Union	19S10W16CBC1	330329.03	920903.96	5/30/2014	85.59	84.62	89.87		(0.97)	4.28	
Union	19S11W23ACA1	330255.38	921228.8	2/27/2014	148.4	149.1	152.67	152.42	0.70	4.27	4.02
Union	19S11W25AAA1	330217.84	921113.03	2/27/2014	143.2	143.8	151.75	149.50	0.60	8.55	6.30
Union	19S12W13AAA1	330411.26	921716.78	5/30/2014	165.55	156.5	159.05	159.76	(9.05)	(6.50)	(5.79)
Union	19S15W01CCA1	330534.81	923645.01	5/20/2014	21.85	28.13	68.93	71.84	6.28	47.08	49.99
Union	19S16W35DDC1	330108.86	924325.54	5/20/2014	220.79	213.6	219.84	240.25	(7.19)	(0.95)	19.46
Union	19S17W16BAA1	330455	925153	5/27/2014	250.99	252.6			1.61		
Union	19S18W14ADA1	330451.7	925607.9	5/27/2014	188.91	189.4	192.15	191.70	0.49	3.24	2.79
						Decline/ Wells			**15/44**	**6/37**	**2/28**
						Average Change			**0.28**	**15.91**	**35.38**

Sparta Aquifer

2004, 2009,2013,2014 Water Level Change

County	Station ID	Latitude	Jongitude	Date	14 DTW	13 DTW	09 DTW	04 DTW	Δ'13-'14	Δ'09-'14	Δ'04-'14
Woodruff	05N01W11ABA1	350425.81	910407.19	4/16/2014	63.01		60.83	58.40		(2.18)	(4.61)
Woodruff	05N01W17DBB1	350310.68	910727.11	5/2/2014	48.83		47.46	45.95		(1.37)	(2.88)
Woodruff	05N02W31DCB3	350026.9	911455.9	4/17/2014	17.46		19.38	13.30		1.92	(4.16)
Woodruff	06N01W13ABA1	350851.81	910253.66	4/16/2014	73.18		69.97	72.20		(3.21)	(0.98)
Woodruff	06N01W13ADC1	350827.39	910246.74	4/16/2014	72.53		67.21			(5.32)	
Woodruff	08N01W12CDA1	351934.03	910310.57	4/16/2014	78.38		76.47			(1.91)	
						Decline/ Wells				**5/6**	**4/4**
						Average Change				**(2.01)**	**(3.16)**
						Declined Wells			**102/210**	**95/229**	**82/187**
						Total Percent Decline			**48.6**	**41.5**	**43.9**
						Total Avg Change			**0.64**	**3.37**	**1.41**

Appendix C

Nacatoch Aquifer Water Level Monitoring Data

Nacatoch Aquifer

Water Level Change 2011-2014

County	Station ID	Latitude	Longitude	Date	14 DTW	11DTW	Δ'11-'14
Clark	08S19W06DCB1	340359.11	930432.52	3/26/2014	77.88	79.21	1.33
Clark	08S19W09ACC1	340323.35	930228.33	2/19/2014	-0.53	-0.3	0.23
Clark	08S20W34DAB1	335954.15	930744.35	2/19/2014	17.23	17.24	0.01
Clark	09S20W16DBD1	335708.15	930847.37	3/26/2014	71.31	74.84	3.53
Clark	09S20W16DDC1	335656.77	930844.75	3/26/2014	66.33	66.78	0.45
Clark	09S20W31CAD1	335434.79	931111.15	3/21/2014	79.25		
Clark	09S20W33ABD1	335447.13	930852.09	3/21/2014	36.92		
Clark	09S20W33BCD2	335446.06	930926.02	3/21/2014	30.58		
Clark	09S21W21DAD1	335625.47	931453.39	3/10/2014	103.09	105.39	2.30
Clark	10S20W22DCB1	335054.14	930757.21	2/19/2014	81.67	81.54	(0.13)
Clark	10S21W12BAB1	335321.39	931225.22	2/20/2014	65.18	68.53	3.35
					Decline/ Wells		1/8
					Average Change		1.38
Hempstead	11S24W21DDD1	334620.53	933447.12	3/10/2014	39.04		
Hempstead	11S24W22ADD1	334647.25	933342.5	3/10/2014	35.02	33.29	(1.73)
Hempstead	11S24W34CBC1	334443.82	933437.9	3/11/2014	25.08	31.5	6.42
Hempstead	11S26W27BDD1	334610.5	934644.59	3/13/2014	7.5	13.74	6.24
Hempstead	12S24W28CDC1	334012.41	933535.89	3/20/2014	192.98		
Hempstead	12S25W07ABB1	334345.67	934340.05	3/12/2014	48.73		
Hempstead	12S25W15DBC1	334213.66	934035.55	3/11/2014	38.92	27.52	(11.40)
Hempstead	12S25W34BAC1	334001.94	934055.44	3/11/2014	75.69	71.86	(3.83)
Hempstead	13S25W05ABD1	333915.43	934231.85	3/12/2014	40.32		
Hempstead	13S25W18AAB1	333739.64	934331.59	3/12/2014	69.67		
Hempstead	13S26W17DDB1	333705.19	934844.69	3/12/2014	55.34	57.49	2.15
Hempstead	14S25W04DDD1	333317.01	934131.68	3/19/2014	77.5	75.34	(2.16)
					Decline/ Wells		4/7
					Average Change		(0.62)
Little River	13S28W31BCC1	333509.35	940250.97	3/19/2014	54.02	53.51	(0.51)
Little River	14S30W01DAA1	333426.16	940904.22	3/19/2014	42.74	33.7	(9.04)
					Decline/ Wells		2/2
					Average Change		(4.78)

Nacatoch Aquifer

Water Level Change 2011-2014

County	Station ID	Latitude	Longitude	Date	14 DTW	11DTW	Δ'11-'14
Miller	14S27W02AAB1	333419.42	935121.43	3/19/2014	31.12		
Miller	14S28W13CCB1	333158.09	935726.62	3/19/2014	30.07	28.41	(1.66)
Miller	14S28W17BBC1	333239.92	940134.07	3/19/2014	26.12	26.38	0.26
Miller	14S28W34CDC1	332919.48	935920.29	3/19/2014	11.61		
					Decline/ Wells		1/2
					Average Change		(0.70)
Nevada	11S20W15CDC1	334622	930905	3/21/2014	7.68	13.06	5.38
Nevada	11S20W22AAA1	334623.76	930925.95	3/21/2014	-2.05	-2.05	0.00
Nevada	11S21W14CAB1	334652.02	931434.14	3/26/2014	-1.1	-1.1	0.00
Nevada	11S22W08DAC2	334759.75	932314.18	3/20/2014	37.6	37.75	0.15
Nevada	11S22W08DDB4	334757.45	932313.82	3/20/2014	37.68	37.75	0.07
Nevada	11S23W12ABB1	334836.58	932541.14	3/10/2014	68.63	69.01	0.38
Nevada	12S22W09CDD1	334229.68	932250.19	3/20/2014	3.99	2.27	(1.72)
Nevada	12S22W22ACD1	334107.66	932134.93	3/20/2014	127.24	126.07	(1.17)
Nevada	12S22W23CBA1	334102.42	932057.36	3/20/2014	113.25	112.43	(0.82)
Nevada	13S22W07BDC1	333744.12	932514.03	3/20/2014	127.84	126.32	(1.52)
					Decline/ Wells		4/10
					Average Change		0.08
				Declined Wells			12/29
				Total Percent Decline			41.38
				Total Avg Change			(0.93)

Appendix D

Tokio Aquifer Water Level Monitoring Data

Tokio Aquifer

Water Level Change 2011-2014

County	Station ID	Latitude	Longitude	Date	14 DTW	11DTW	Δ'11-'14
Clark	08S22W15ABB2	340312.77	932017.91	3/26/2014	92.96	100.35	7.39
Clark	09S22W05BBB1	335950.53	932258.75	3/24/2014	97.54	96.89	(0.65)
Clark	09S22W05BCA1	335936.13	932256.76	3/24/2014	28.73	27.59	(1.14)
Clark	09S22W10DBA1	335832.02	932022.08	3/24/2014	101.74	101.92	0.18
Clark	09S22W16ACA1	335753.53	932120.02	3/24/2014	13.3	13.94	0.64
					Decline/ Wells		2/5
					Average Change		1.28
Hempstead	09S23W20BDA1	335710	932859	3/11/2014	0	0	0.00
Hempstead	09S23W33CDA1	335457.24	932802.43	3/11/2014	-0.91	-0.92	(0.01)
Hempstead	09S24W25BBB1	335633.39	933131.9	3/11/2014	-0.2	-0.5	(0.30)
Hempstead	09S24W30DCC1	335555.81	933607.46	3/11/2014	92.27	91.13	(1.14)
Hempstead	09S24W33ADC1	335526.07	933355.97	3/11/2014	47.21	46.06	(1.15)
Hempstead	09S26W08ADA2	335919.86	934716.71	3/13/2014	1.88	0.94	(0.94)
Hempstead	09S26W08ADD1	335917.85	934716.84	3/13/2014	0.9	0.8	(0.10)
Hempstead	09S26W09CDC1	335845.81	934656	3/13/2014	3.45	5.08	1.63
Hempstead	09S26W18CBB1	335815.46	934920.92	3/13/2014	24.66	25.73	1.07
Hempstead	10S25W30CCD1	335047.51	934310.18	3/13/2014	89.12	85.27	(3.85)
Hempstead	10S26W03BBA1	335507.15	934612.34	3/13/2014	0.86	7.29	6.43
Hempstead	11S26W08BBB1	334909.23	934903.22	3/13/2014	71.93	69.7	(2.23)
Hempstead	11S26W23BBB1	334719.87	934601.93	3/13/2014	169.75	169.09	(0.66)
Hempstead	12S24W06DAD1	334359.68	933701.28	3/11/2014	250.39	231.22	(19.17)
Hempstead	12S25W02DDD1	334341.13	933901.8	3/20/2014	247.36	235.68	(11.68)
Hempstead	12S27W04BBC1	334449.54	935357.5	3/18/2014	173.9	151.38	(22.52)
Hempstead	12S27W05AAC1	334448.86	935421.32	3/18/2014	154.88	156.16	1.28
Hempstead	12S27W36DBC1	333958.11	935024.18	3/12/2014	66.19	62.94	(3.25)
					Decline/ Wells		13/18
					Average Change		(3.14)
Howard	09S27W03DBD1	340000	935153	3/17/2014	71.38	70.6	(0.78)
Howard	09S27W10BCB1	335930	935232	3/13/2014	112.92	120.09	7.17
Howard	09S27W18ADB1	335840	935453	3/17/2014	78.72	78.59	(0.13)
Howard	09S27W32BDB1	335606	935424	3/17/2014	55.72	54.47	(1.25)

Tokio Aquifer

Water Level Change 2011-2014

County	Station ID	Latitude	Longitude	Date	14 DTW	11DTW	Δ'11-'14
Howard	09S27W32BDB2	335606	935424	3/17/2014	50.05	50.96	0.91
Howard	10S27W02ACD1	335454	935056	3/17/2014	56.71	65.73	9.02
Howard	10S27W04BBD1	335512	935330	3/17/2014	46.85	53	6.15
Howard	10S27W12CAB1	335356	935021	3/18/2014	78.79	77.15	(1.64)
Howard	10S27W18BAC1	335336	935535	3/17/2014	99.26	103.86	4.60
Howard	11S27W21CDA1	334602.61	935417.84	3/18/2014	66.42	67.02	0.60
					Decline/ Wells		4/10
					Average Change		2.47
Miller	11S22W08DAC8	334757.26	932312.42	3/20/2014	93.9	91.37	(2.53)
Miller	12S21W28ADA1	334015.49	931559.16	3/20/2014	3.49	5.46	1.97
					Decline/ Wells		1/2
					Average Change		(0.28)
Pike	08S23W19ADC1	340213	932931	2/20/2014	-1.3	-0.81	0.49
Pike	08S23W35DCA1	340004	932530	2/21/2014	-1.5	-1.15	0.35
Pike	09S24W14AAD1	335810	933139	2/20/2014	-1	-1.2	(0.20)
					Decline/ Wells		1/3
					Average Change		0.21
Sevier	10S28W31DCC1	335026.12	940145.37	3/18/2014	36.44	36.85	0.41
Sevier	11S29W05DCA1	334949.3	940652.64	3/18/2014	156.2		
Sevier	11S29W08DBB1	334907.44	940703.8	3/18/2014	141.17	141.9	0.73
Sevier	11S29W13CCD1	334750.48	940317.44	3/18/2014	80.36	80.45	0.09
					Decline/ Wells		0/3
					Average Change		0.41
		Declined Wells			21/41		
		Total Percent Decline			51.22		
		Total Avg Change			0.16		