Arkansas Groundwater Protection and Management Report for 2012

A Supplement to the Arkansas Water Plan

January 2013

STATE OF ARKANSAS

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

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Abstract

The Arkansas Groundwater Protection and Management Report is produced annually by the Arkansas Natural Resources Commission (ANRC) pursuant to the Arkansas Water Plan. This report is an abridged version due to ANRC's involvement in the update of the Arkansas Water Plan. This reports data covers water level data from the spring of 2011 to the spring of 2012. The general trend in Arkansas' long-term water level change is that the groundwater levels are declining in response to continued withdrawals at a rate which is not sustainable. The continued unsustainable pumping rates have caused cones of depression in both the alluvial and Sparta/Memphis aquifers in the state. (figs. 4 and 7)

Arkansas Water Plan:

The Arkansas Groundwater Management and Protection Reports are produced annually by the Arkansas Natural Resources Commission (ANRC) pursuant to Act 154 of 1991. This act was passed in response to the Arkansas Water Plan of 1990. The statute directed the ANRC to define critical groundwater areas, sustainable yield, and groundwater level trends within the state's aquifers. This report is an update to the Arkansas Water Plan, and provides hydrogeologic information needed for statewide water resources planning and management programs. As a result, three critical groundwater areas have been designated in Arkansas and resources have been focused on those areas through tax incentives, education programs, and priority ranking for federal conservation program funding such as the Environmental Quality Incentive Program, and the funding of large scale diversion projects for agricultural water supply.

In 2012, the Arkansas Natural Resources Commission (ANRC) began the process of updating the Arkansas Water Plan, which was last updated in 1990. The Plan will be completed by November of 2014. The projected outline for this update is shown on figure 1.

During 2012 the ANRC performed several tasks including:

- An internal Water Management Division workgroup was formed to guide the Water Plan update process. Meetings were held approximately every other week.
- The ANRC formed a Water Plan committee which was utilized as a part of the initial planning tasks.
- The interview process was used to select and contract with professional consultants. CDM Smith Engineering Services was selected and a contract developed and signed by CDM and the ANRC. The CDM Smith team includes subcontractors FTN and Associates, Cranford, Johnson, Robinson, and Woods.

- A scoping process was initiated which developed public and stakeholder interest, and gathered information on statewide water issues, available hydrogeologic data, and water resources modeling tools availability.
- Fact sheets were developed on current water resources programs as well as the Water Plan update process.
- A Water Plan web site has been created to provide general information, schedules and updates. Refer to http://www.arwaterplan.arkansas.gov.
- A contract was signed with the US Geological Survey, Arkansas District to produce a report to be titled Aquifers of Arkansas.
- Four (4) public hearings were held by CDM and ANRC in order to educate the public about the planning process and to get initial input on the Plan, and some general input on water issues. The meetings were held in Fayetteville, Jonesboro, Little Rock, and El Dorado.
- Technical committees were formed for water demand, including the categories of public supply, industry, navigation, irrigation and power generation.

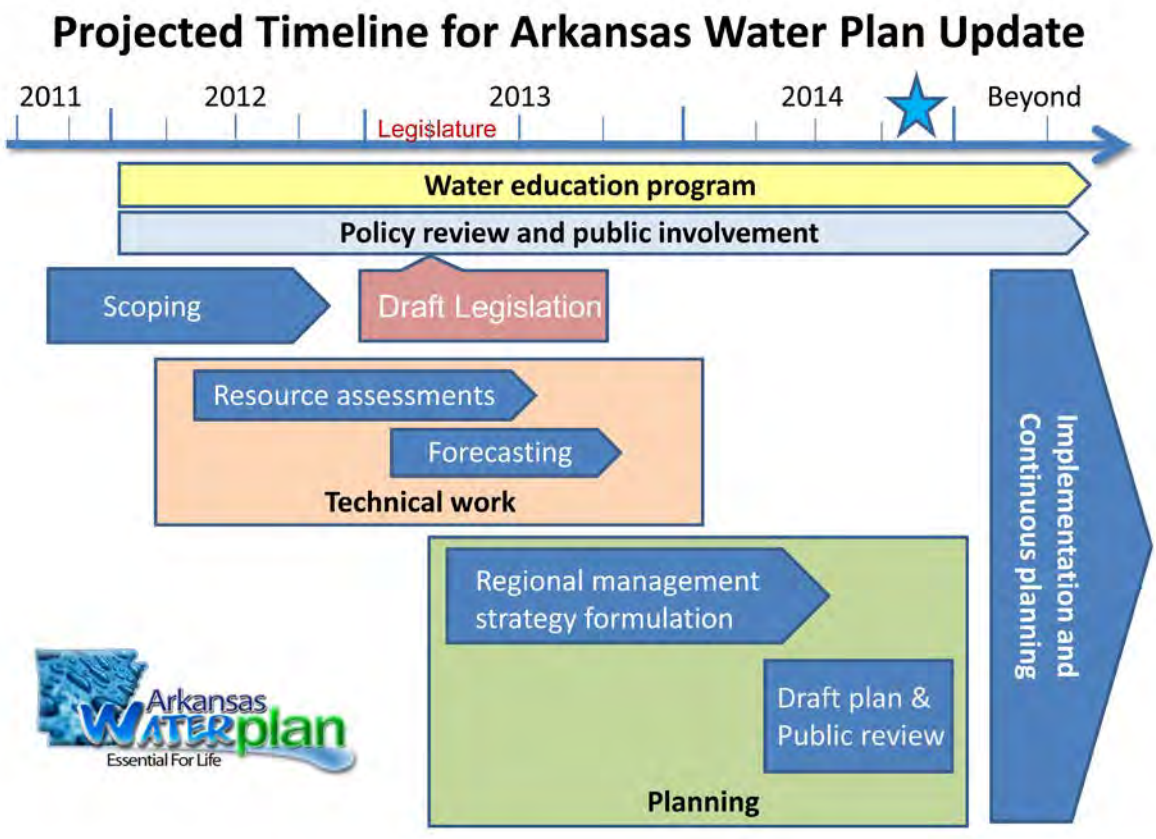
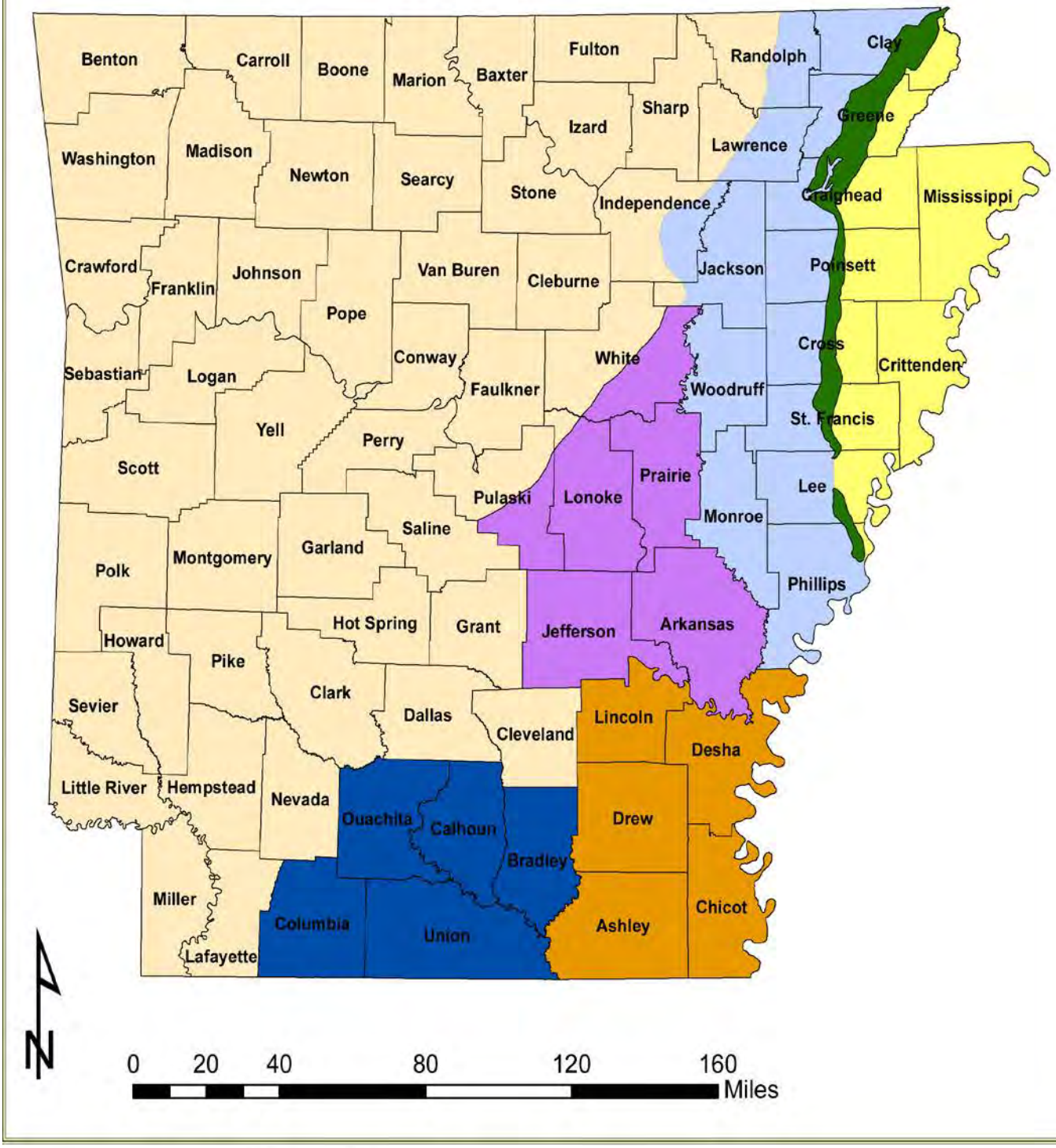


Fig. 1

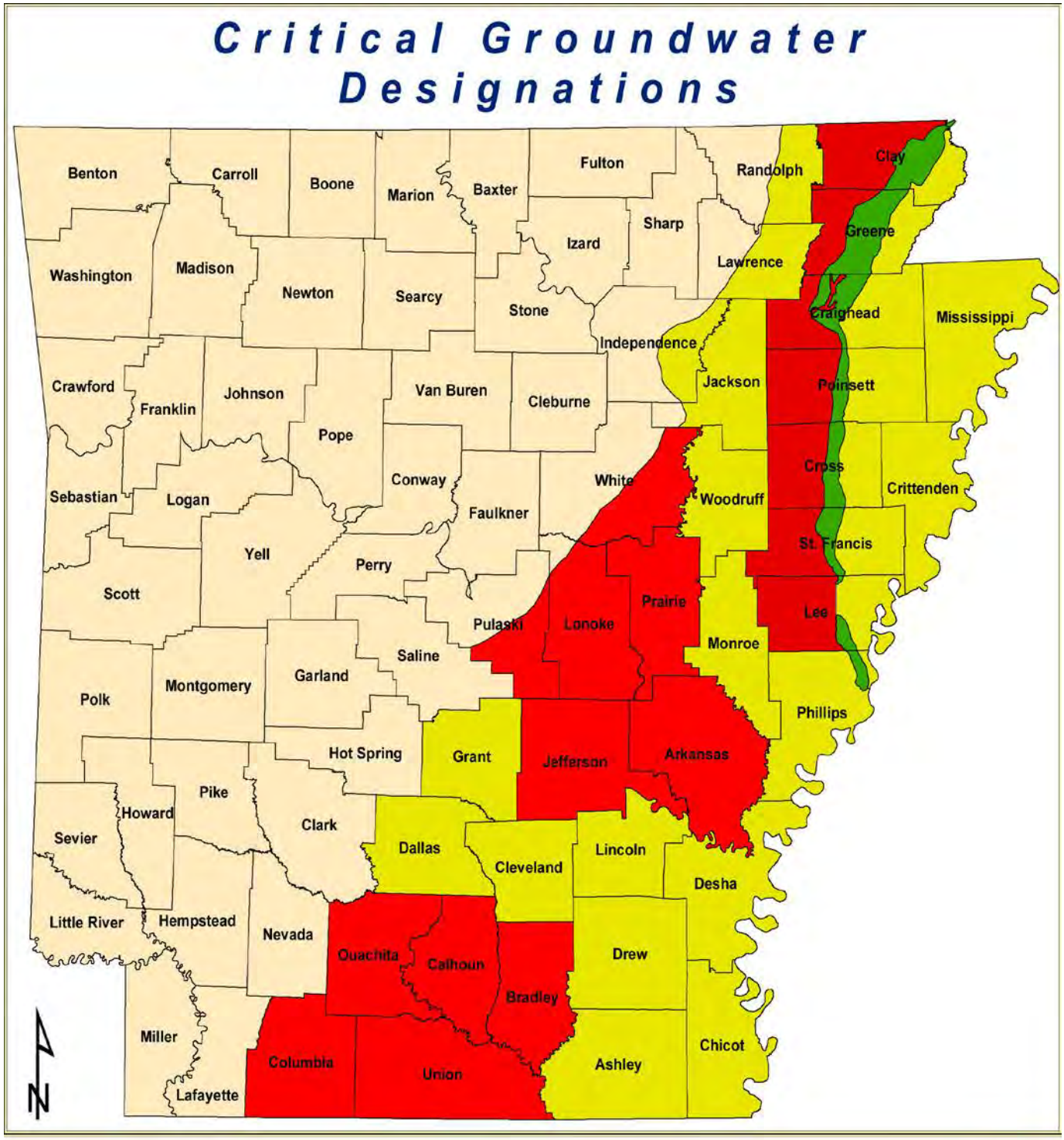
Arkansas Groundwater Study Areas



Legend

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

Fig. 2



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. 3

Update on Alluvial Aquifer and Sparta/Memphis Aquifer, Spring 2012

Alluvial Aquifer

During the spring 2011 to Spring 2012 monitoring period the U.S. Geological Survey (USGS), Natural Resource Conservation Service (NRCS) and Arkansas Natural Resources Commission (ANRC) monitored static groundwater levels throughout the Mississippi River Alluvial aquifer. During this time 52.9% of the 291 wells monitored showed declines in water level. Over the 10-year monitoring period 76.3% of the 456 wells monitored showed declines in static water levels. All of the well measurements and respective changes are included in the attached alluvial aquifer table. The drawdown of the alluvial aquifer from spring to fall (March-October) was calculated using ANRC's monitoring wells. It was an average change of -2.93 feet, which is historically the typical change observed during the irrigation season, of which approximately 2.00 feet recharge during the fall-winter months leaving a long-term historical drawdown of approximately 1.00 foot per year. Many counties in the delta that utilize alluvial aquifer water for irrigation of crops continue to withdraw an amount of water that is not sustainable. These counties can be seen on figure 11. Precipitation during the irrigation season was reported by the National Climatic Data Center as 31.02 inches which is typical, as the average over the last 10 years is 37.06 inches which included two of the wettest periods in one hundred and thirteen years.

Sparta Aquifer

Data was also collected by ANRC and USGS in the Sparta/Memphis aquifer during the 2011-2012 monitoring period. Of the 178 wells monitored, 102 (57.3%) showed declines during this time. All the data collected on the Sparta/Memphis aquifer is also attached. The ANRC monitoring network of wells was also calculated for the spring to fall (March-October) drawdown during the irrigation season. The average change observed during this time was -18.48 feet which is typical during the irrigation season. The Sparta/Memphis aquifer has much more pronounced water level changes than the alluvial aquifer due mainly to the specific capacity and geologic features of the aquifer.

Continued monitoring of the Sparta Aquifer in the South Arkansas Study Area indicates that some groundwater levels in this area have stabilized or risen. This study area is comprised of Ouachita, Calhoun, Bradley, Columbia and Union counties, and was the first area to be designated as a Critical Groundwater Area in 1996. The entire study area has had an average change in groundwater levels of +8.29 feet over the last 10-year period, with Union county alone having a +26.47 change. The diminishing declines in average change seem to indicate that the education, conservation, and development of excess surface water from the Ouachita River in Union county have made an impact of groundwater levels.

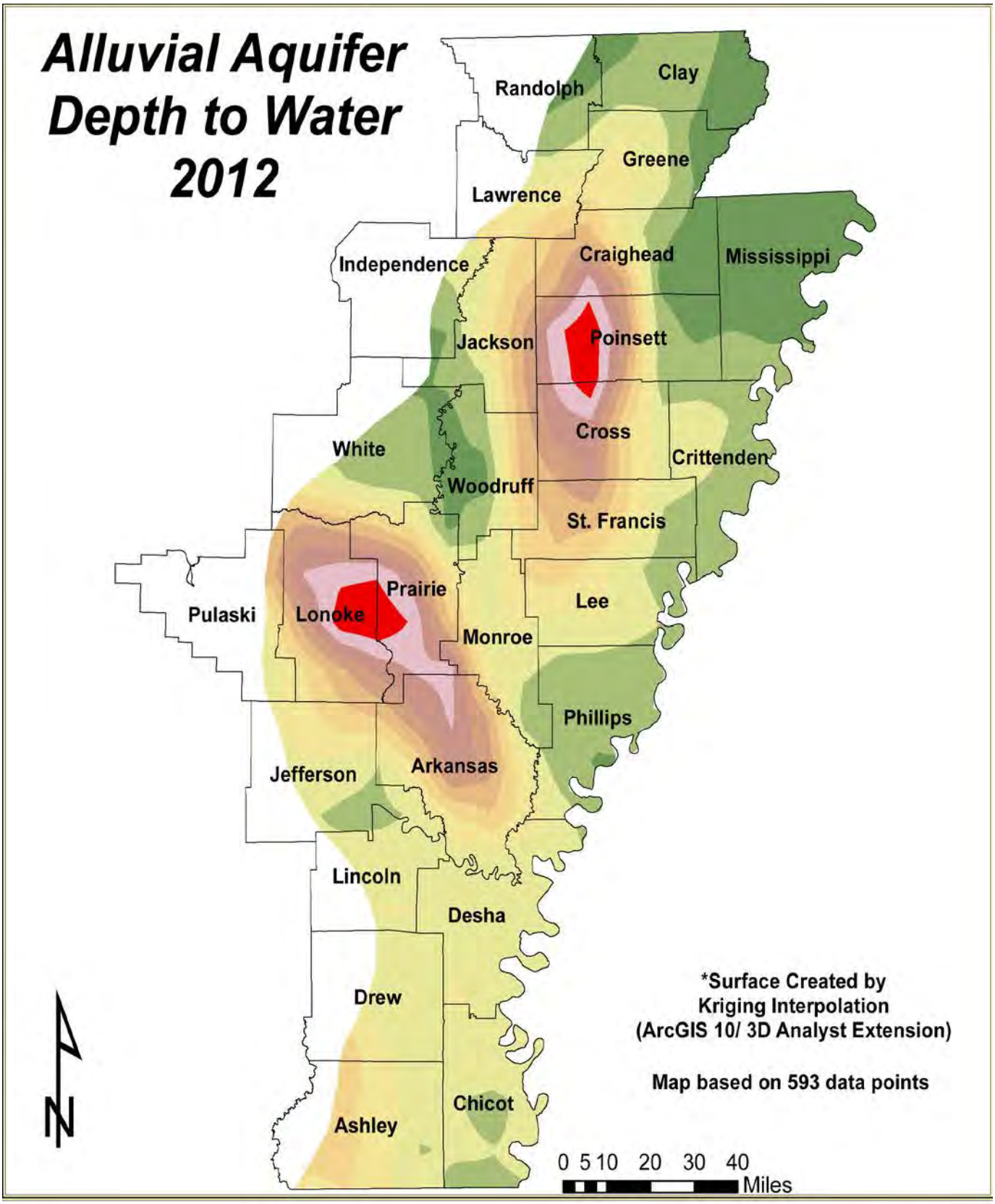
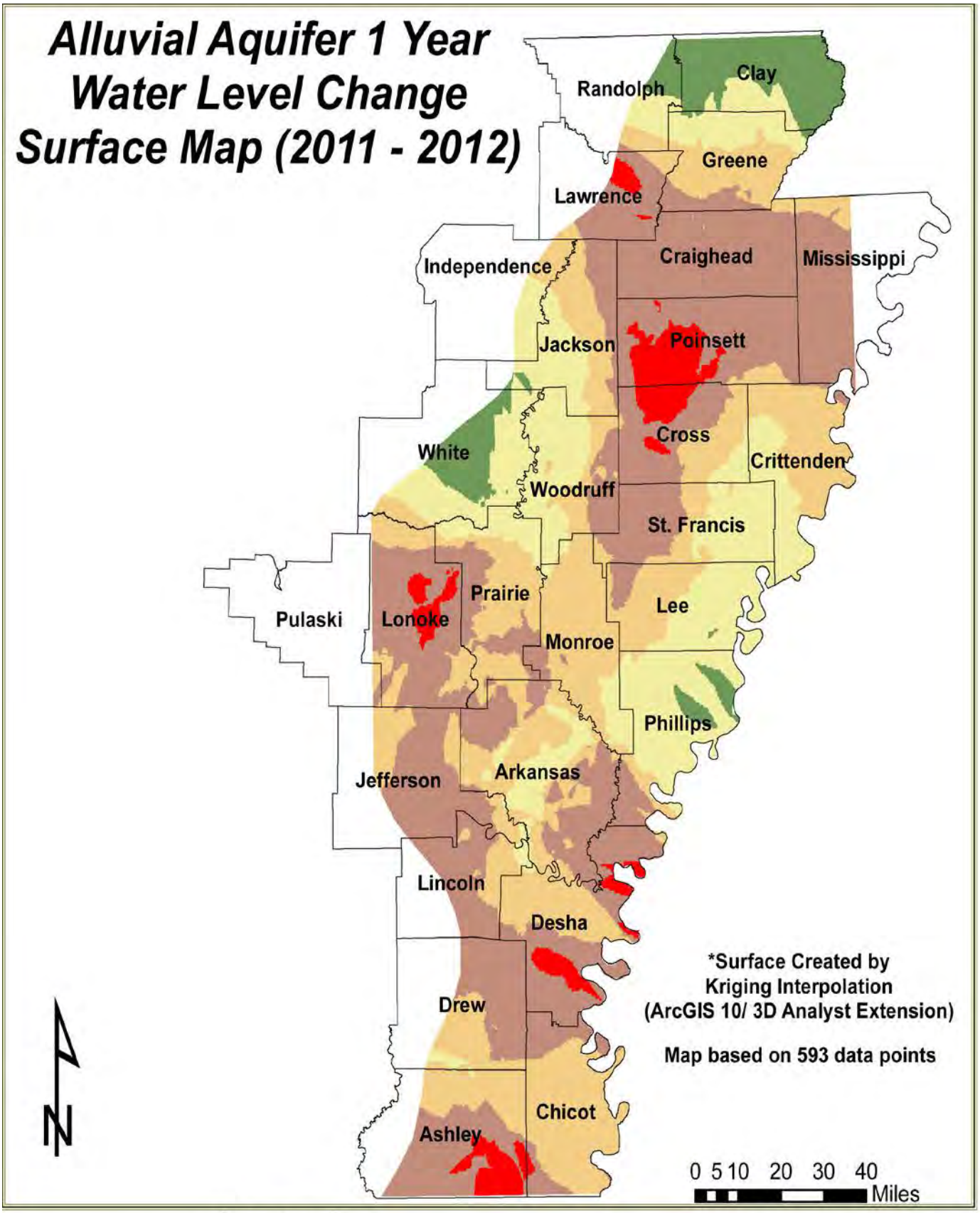

Alluvial Aquifer
Depth to Water
2012
Randolph
Clay
Greene
Lawrence
Independence
Craighead
Mississippi
Jackson
Poinsett
Cross
White
Crittenden
Woodruff
St. Francis
Prairie
Lee
Pulaski
Lonoke
Monroe
Phillips
Jefferson
Arkansas
Lincoln
Desha
Drew
Chicot
Ashley
*Surface Created by
Kriging Interpolation
(ArcGIS 10/ 3D Analyst Extension)
Map based on 593 data points
0 5 10 20 30 40
Miles
Legend
0 ft. to 17ft.
18 ft. to 28 ft.
29 ft. to 39 ft.
40 ft. to 49 ft.
50 ft. to 59 ft.
60 ft. to 70 ft.
71ft. to 81 ft.
82 ft. to 92 ft.
93 ft. to 103 ft.
104 ft. - 115 ft.

Fig. 4

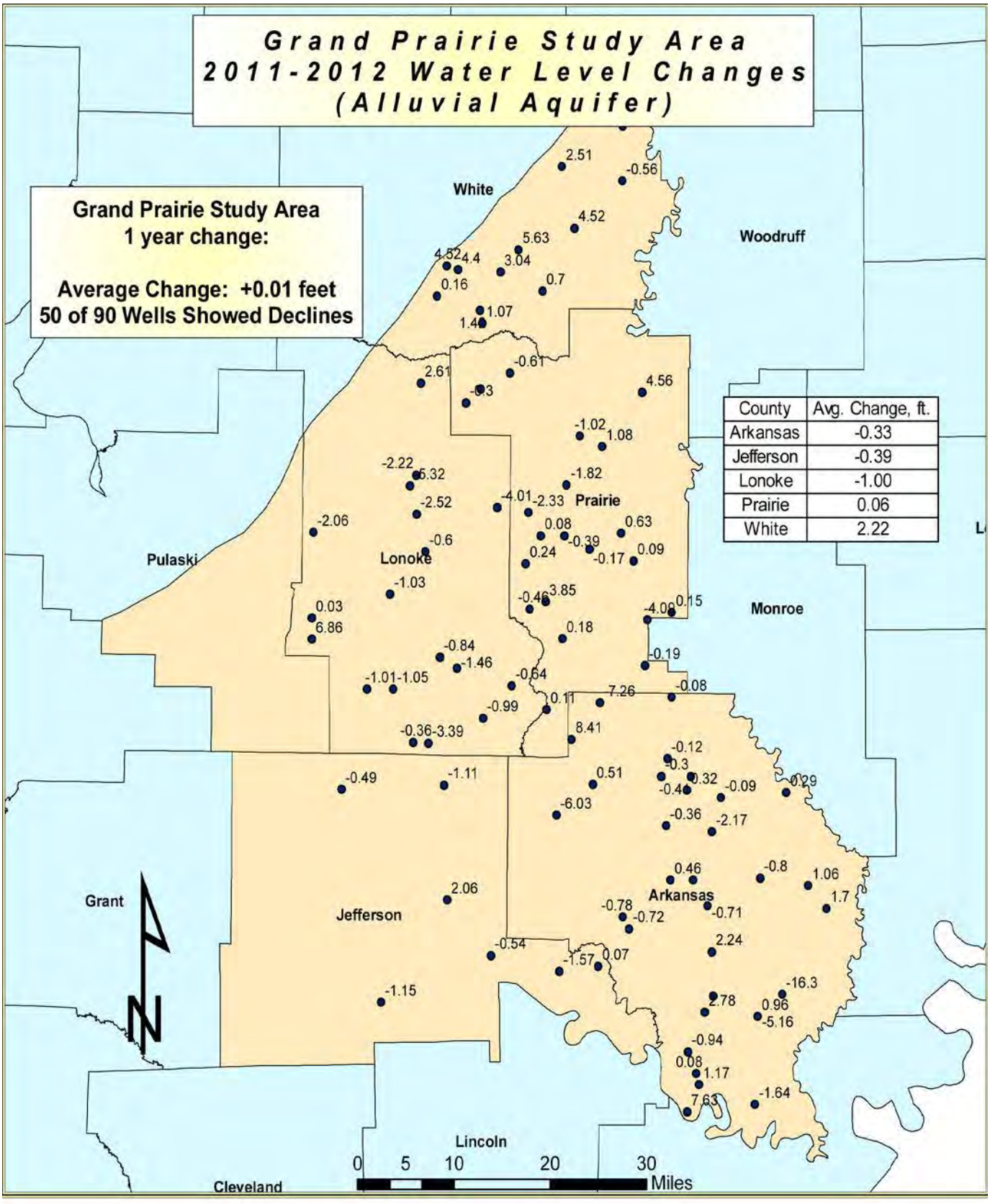
Alluvial Aquifer 1 Year Water Level Change Surface Map (2011 - 2012)



Legend

- -3 ft. to -2 ft.
- -1 ft. to -0.40 ft.
- -0.50 ft. to 0.99 ft.
- 1 ft. to 2 ft.
- 3 ft. to 3.50 ft.

Fig. 5



Legend

- Wells
- Grand Prairie Study Area

Fig. 6

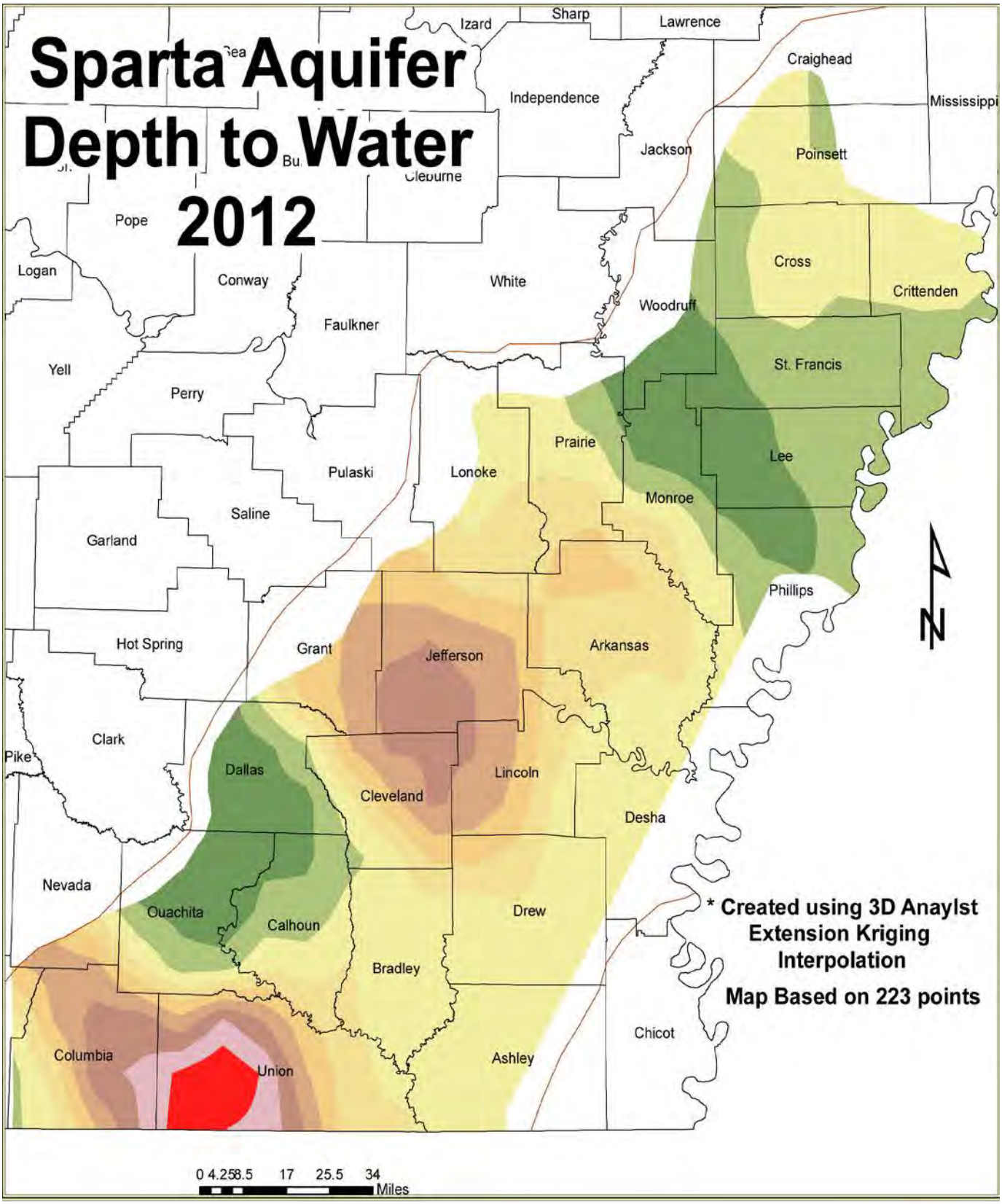
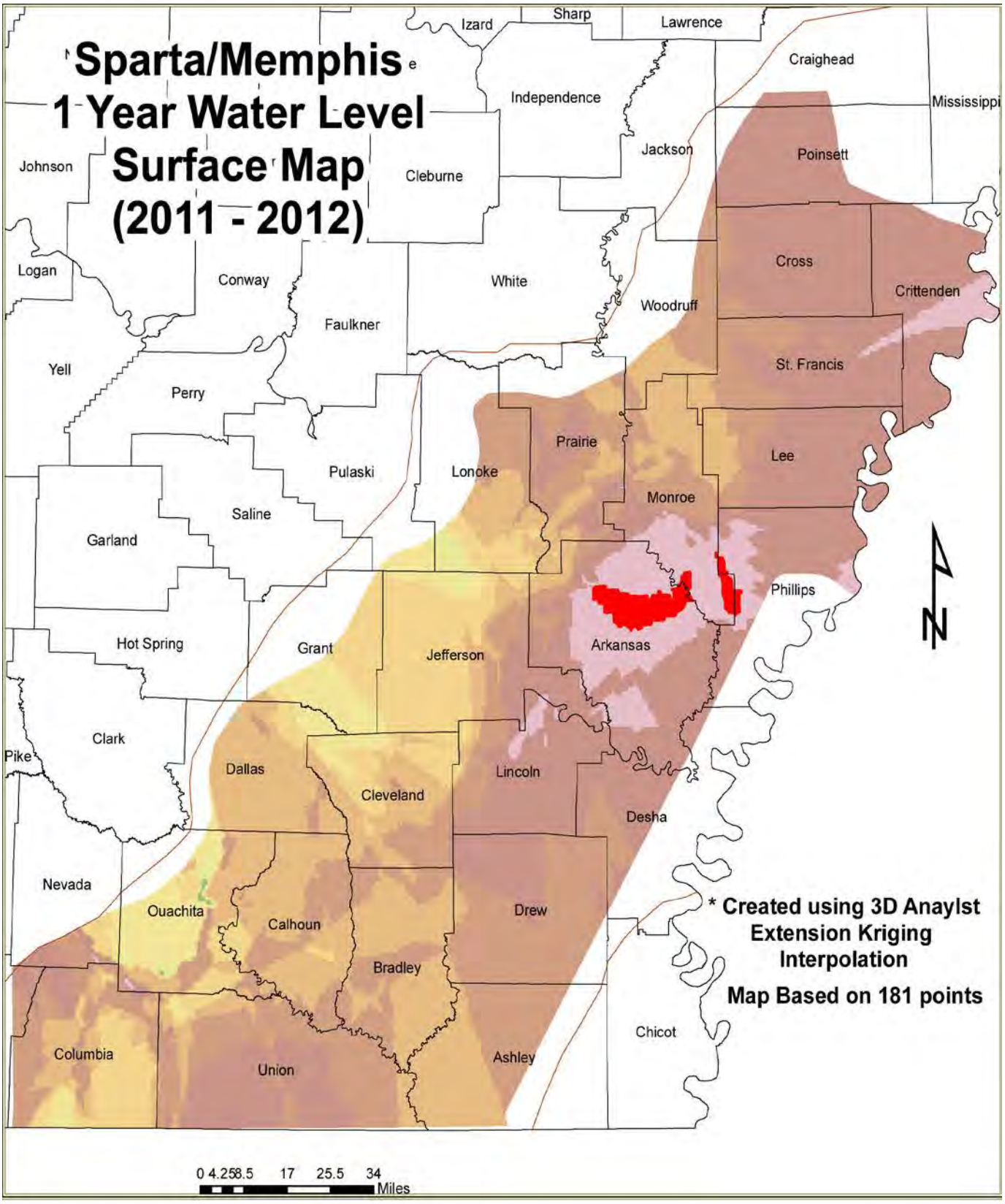

Sparta Aquifer
Depth to Water
2012
Izard
Sharp
Lawrence
Craighead
Independence
Mississippi
Jackson
Poinsett
Cleburne
Pope
Logan
Conway
White
Cross
Crittenden
Woodruff
Faulkner
St. Francis
Yell
Perry
Prairie
Lee
Pulaski
Lonoke
Monroe
Saline
Garland
Phillips
Hot Spring
Grant
Jefferson
Arkansas
Clark
Pike
Dallas
Lincoln
Cleveland
Desha
Nevada
Ouachita
Calhoun
Drew
Bradley
Chicot
Columbia
Union
Ashley
* Created using 3D Anaylst Extension Kriging Interpolation
Map Based on 223 points
0 4.258.5 17 25.5 34
Miles
Legend
Sparta Boundary
37 ft. to 69 ft.
70 ft. to 100 ft.
101ft. to 132 ft.
133 ft. to 164 ft.
165 ft. to 196 ft.
196 ft. to 228 ft.
229 ft. to 259 ft.
260 ft. to 291 ft.
292 ft to 323 ft.

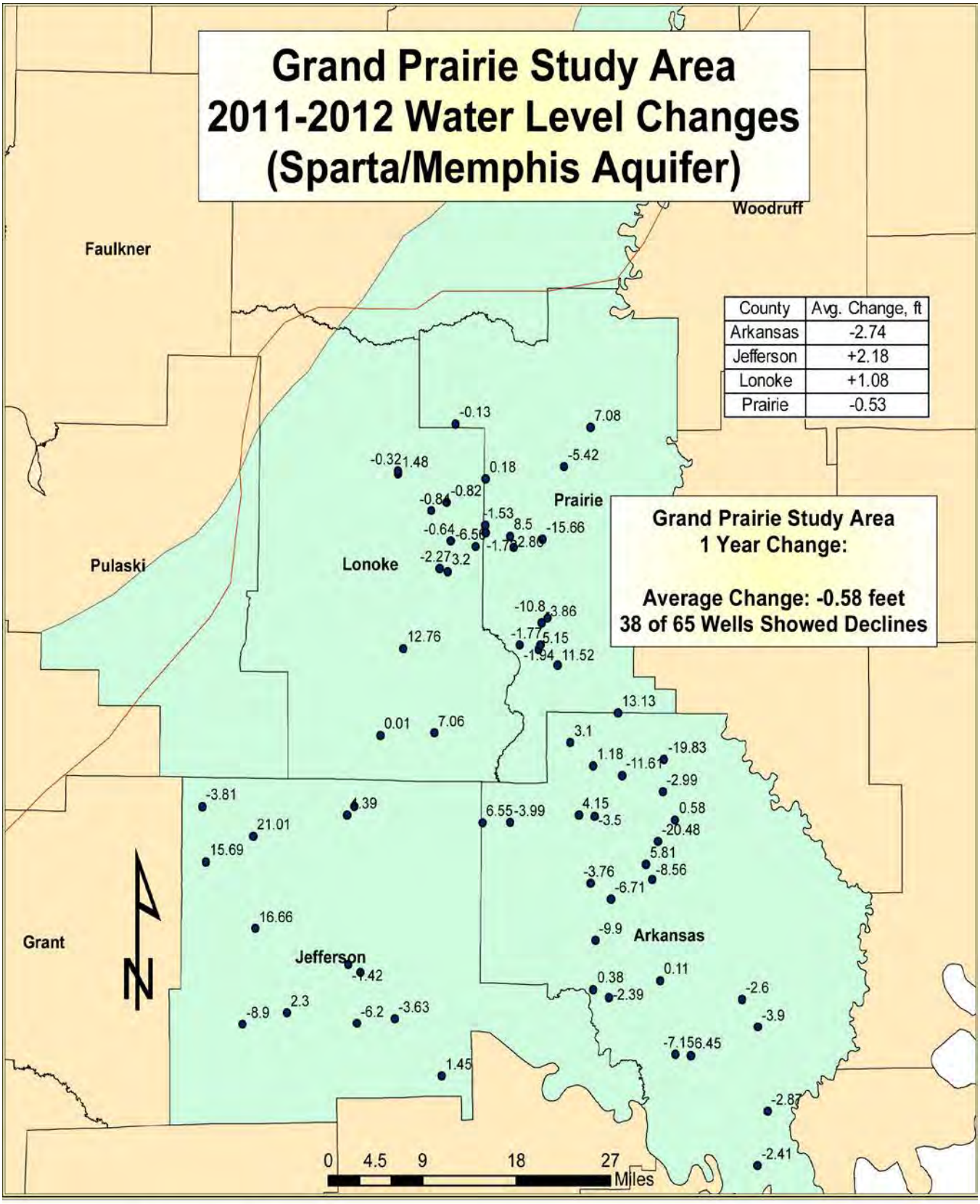
Fig. 7



Legend

- Sparta Boundary
- **1 Year Change, Ft.**
- -6 ft. to -5 ft.
- -4 ft. to -3 ft.
- -2 ft. to -1 ft.
- 0 ft. to 1 ft.
- 2 ft. to 3 ft.
- 4 ft. to 5 ft.
- 6 ft. to 7 ft.
- 8 ft. to 9 ft.
- 10 ft. to 11 ft.

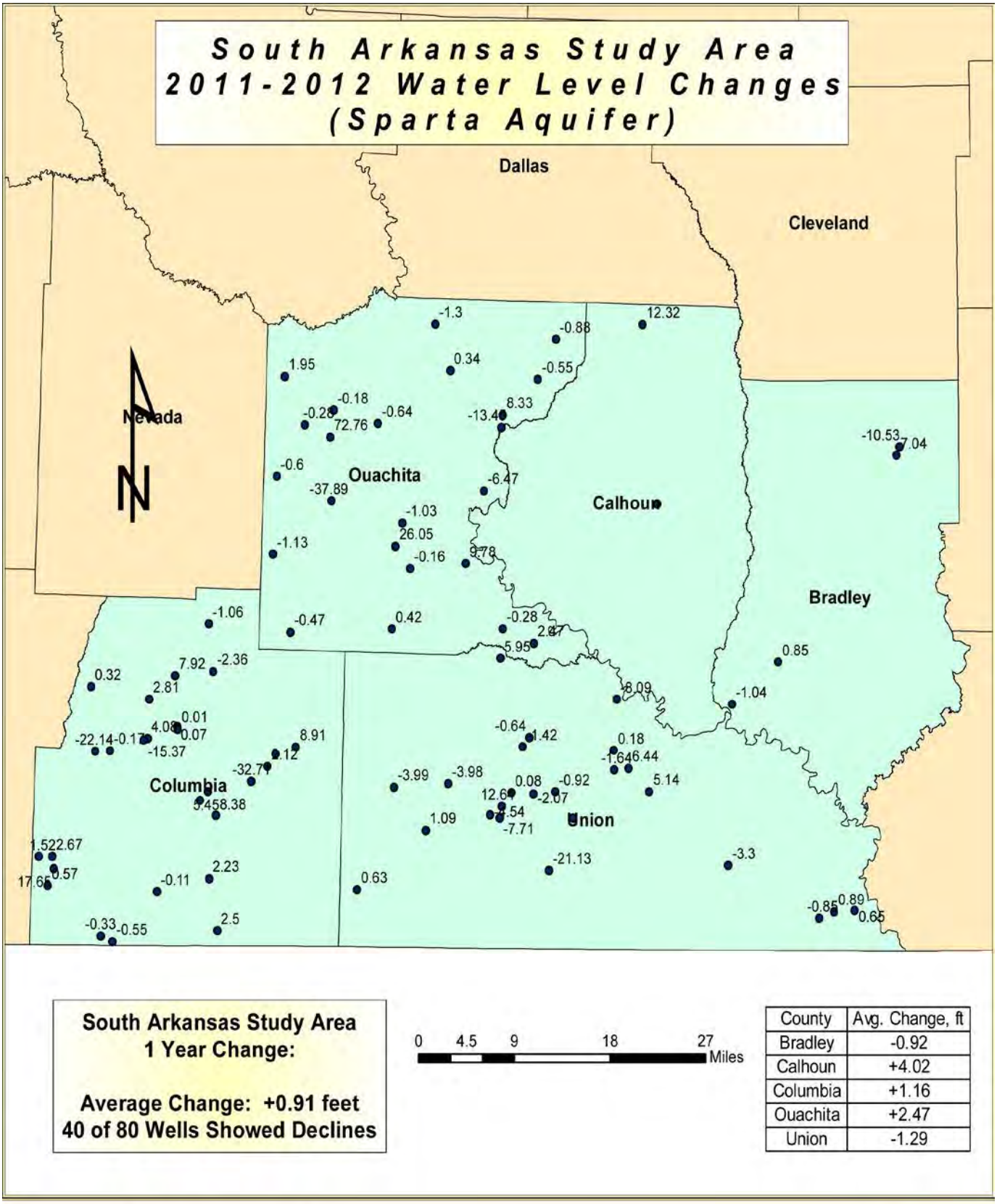
Fig. 8



Legend

- Wells
- Sparta Boundary
- Grand Prairie Study Area

Fig. 9



Legend

- Wells
- South Arkansas Study Area

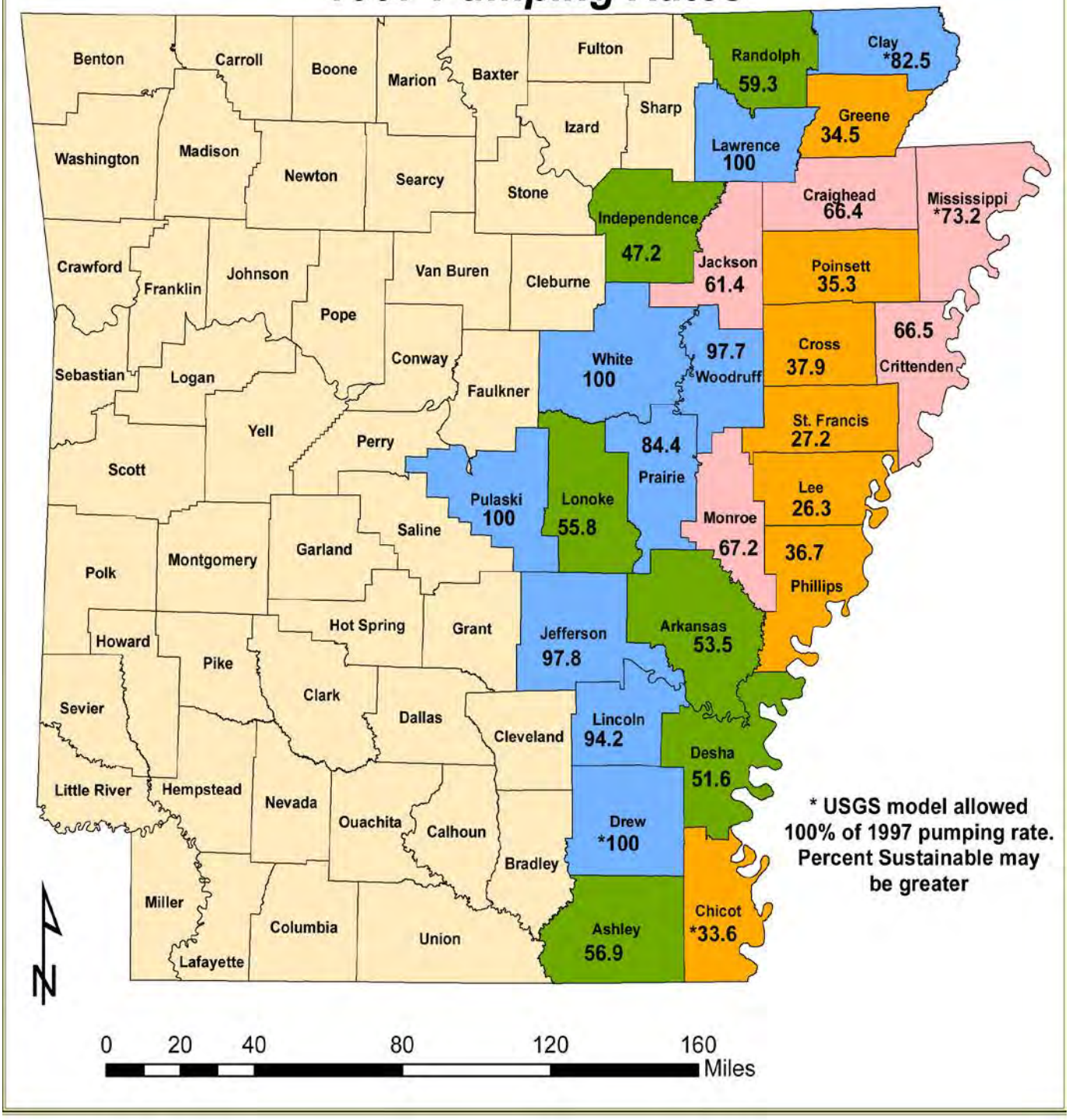
Fig. 10

Water Use

The USGS is in the process of compiling a report containing water use data for 2010. The most recent data available is 2009 use and is attached as an appendix to this report. In 2009 an estimated 6069.53 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. Arkansas County, Poinsett County and Cross County used the most alluvial water of all counties, with 337.76 Mgal/d, 486.4 Mgal/d, and 387.72 Mgal/d respectively. The reported total ground-water use from the alluvial aquifer during 2009 was 5687.87 Mgal/d. The Sparta/Memphis aquifer is the second largest aquifer in terms of withdrawals. The reported ground-water use from the Sparta/Memphis aquifer for 2009 was 142.42 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 42.77 Mgal/d, followed by Arkansas County with a rate of 37.92 Mgal/d. (Holland, 2011)

The Sparta/Memphis aquifer had a reported average withdrawal of 142.42 Mgal/d during the 2009 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 37.92 Mgal/d. Jefferson County is the largest user of Sparta/Memphis groundwater, with a withdrawal of 42.77 Mgal/d. The 2009 reported ground-water use from the Sparta/Memphis aquifer was an estimated 32.8% for agricultural uses, 43.2% for public supply use, and 22.8% for industrial uses, which combine with other uses for an estimated total use of 142.42 Mgal/d. The estimated sustainable use for the entire aquifer is 87 Mgal/d based on 1997 reported water use. This leaves a deficit of 55.42 Mgal/day, or 38.9% of the 1997 rate that is an unmet demand. (Holland, 2003, 2007, 2011) The percentage of 2009 alluvial aquifer water use that is sustainable, per county, is seen in figure 11.

Percentage of 2009 Water Use Sustainable for the Alluvial Aquifer based on 1997 Pumping Rates



Legend

- 21 - 40%
- 41 - 60%
- 61 - 80%
- 81 - 100%
- County Boundaries

Modified from USGS Reports 2003-4230 &2007-5241

2009 Total Reported Alluvial Water Use: 5687.87 Mgal/day
Total Sustainable Yield: 59.3% of 2009 Use

Fig. 11

Alluvial Aquifer
02-07-11-12 WL Change

County	Station ID	Latitude	Longitude	LSA	Date Measured	2012 Meas.	WL Alt. 12	WL Alt. 11	WL Alt. 07	WL Alt. 02	11-12 Change	07-12 Change	02-12 Change
Arkansas	02S04W11DBB1	343232.89	912415.21	213.04	3/15/2012	100.08	112.96	113.04	112.64	112.56	-0.08	0.32	0.40
Arkansas	02S05W15AAB1	343212.68	913126.72	213.00	3/15/2012	123.23	89.77	97.03	108.35	102.28	-7.26	-18.58	-12.51
Arkansas	02S05W31BBB1	342936.71	913536.22	198.00	3/15/2012	20.69	177.31	168.9	161.00		8.41	16.31	
Arkansas	03S02W27ABB1	342447.92	911251.01	197.00	3/14/2012	62.76	134.24	133.95	131.00	127.20	0.29	3.24	7.04
Arkansas	03S03W05CCD1	342737.02	912131.83	201.00	3/14/2012	99.78	101.22	101.63	101.70	104.46	-0.41	-0.48	-3.24
Arkansas	03S03W18CCC1	342553	912251	196.00	3/6/2012	101.04	94.96	94.64	96.29		0.32	-1.33	
Arkansas	03S03W27BBC1	342454.73	911944.08	195.00	3/15/2012	93.09	101.91	102	102.40	105.00	-0.09	-0.49	-3.09
Arkansas	03S04W02BBB1	342831	912454	197.63	3/15/2012	93.35	104.28	104.4	104.83	106.33	-0.12	-0.55	-2.05
Arkansas	03S04W03DCA16	342753.04	912515.37	205.00	2/9/2012	101.55	103.45	103.75	104.08	105.90	-0.30	-0.63	-2.45
Arkansas	03S04W03DDA1	342750.05	912459.88	202.00	3/15/2012	105.19	96.81						
Arkansas	03S05W03CCC1	342752.15	913227.43	215.00	3/15/2012	103.88	111.12		109.90	109.34		1.22	1.78
Arkansas	03S05W13CBA2	342630	913307	211.00	1/18/2012	106.79	104.21	103.7	103.60		0.51	0.61	
Arkansas	03S05W24DAA1	342525	912922	207.00	3/15/2012	47.77	159.23		172.50	206.30		-13.27	-47.07
Arkansas	03S06W35ADD1	342411.4	913651.67	190.00	3/15/2012	59.93	130.07	136.1	133.00	136.71	-6.03	-2.93	-6.64
Arkansas	04S01W04ACD2	342233.35	910732.62	155.00	3/14/2012	8.24	146.76			148.52			-1.76
Arkansas	04S01W31DCB1	341753	910947	179.00	3/14/2012	50.04	128.96	127.9	124.40	124.60	1.06	4.56	4.36
Arkansas	04S02W29CCC1	341846.35	911538.5	191.00	3/14/2012	85.20	105.80	106.6	107.85	107.34	-0.80	-2.05	-1.54
Arkansas	04S03W17ADD1	342101.87	912058.11	200.00	3/15/2012	111.77	88.23	90.4	91.70	93.82	-2.17	-3.47	-5.59
Arkansas	04S03W32BCB1	341820.31	912202.18	192.00	3/15/2012	118.85	73.15	61.2	60.50	85.82	11.95	12.65	-12.67
Arkansas	04S04W02ABB1	342313.2	912423.69	200.00	3/15/2012	110.06	89.94	90.3	90.50	91.93	-0.36	-0.56	-1.99
Arkansas	04S06W15DBB1	342122.37	913826.67	190.00	3/15/2012	34.42	155.58			158.76			-3.18
Arkansas	05S01W16BAB1	341551.59	910729.49	183.00	3/14/2012	45.90	137.10	135.4	134.50	134.16	1.70	2.60	2.94
Arkansas	05S02W16ABD1	341551.84	911357.77	190.00	3/14/2012	80.31	109.69			116.09			-6.40
Arkansas	05S03W09CBA1	341624	912046	196.00	3/15/2012	114.71	81.29	82	82.81		-0.71	-1.52	
Arkansas	05S04W07CCC1	341555.36	912931.61	194.00	3/15/2012	73.88	120.12	120.9	119.50	117.49	-0.78	0.62	2.63
Arkansas	05S04W32BBA1	341315.97	912821.81	191.00	3/15/2012	56.62	134.38	135.1	132.70	131.64	-0.72	1.68	2.74
Arkansas	05S06W02DDD1	341723.66	913650.8	182.93	3/15/2012	21.98	160.95		161.43	162.81		-0.48	-1.86
Arkansas	05S06W07DDC1	341641.5	914129.68	180.48	3/15/2012	3.20	177.28		175.68	171.12		1.60	6.16
Arkansas	2W23DCD1	340852.62	911206.48	188.00	3/14/2012	74.20	113.80	130.1	123.50	114.46	-16.30	-9.70	-0.66
Arkansas	3W10BBA1	341135.97	911953.82	184.00	3/14/2012	79.36	104.64	102.4	101.00	100.88	2.24	3.64	3.76
Arkansas	3W27AAA1	340857.58	911912.78	183.14	3/14/2012	68.28	114.86	113.14	115.14	115.45	1.72	-0.28	-0.59

Alluvial Aquifer

02-07-11-12 WL Change

County	Station ID	Latitude	Longitude	LSA	Date Measured	2012 Meas.	WL Alt. 12	WL Alt. 11	WL Alt. 07	WL Alt. 02	11-12 Change	07-12 Change	02-12 Change
Arkansas	06S03W32DDA	340740	912115	180.00	3/14/2012	56.82	123.18	120.4	123.86		2.78	-0.68	
Arkansas	07S02W04BBB1	340707.15	911451.89	176.00	3/14/2012	49.26	126.74	131.9	129.50	144.88	-5.16	-2.76	-18.14
Arkansas	07S02W17BBA1	340707.15	911451.89	184.00	3/14/2012	48.89	135.11	134.15	129.70	128.96	0.96	5.41	6.15
Arkansas	07S03W18CCD1	340435.28	912316.09	186.18	3/14/2012	41.34	144.84	145.78	143.08	142.81	-0.94	1.76	2.03
Arkansas	07S03W32BBC1	340240	912216	176.92	3/14/2012	24.22	152.70	152.62	150.92	150.96	0.08	1.78	1.74
Arkansas	08S02W08ACA1	340041.03	911505.57	179.00	3/14/2012	40.66	138.34	139.98	135.55	135.98	-1.64	2.79	2.36
Arkansas	08S03WT2299	340147.45	912202.5	178.00	3/14/2012	20.53	157.47	156.3	155.50	152.53	1.17	1.97	4.94
Arkansas	04S01W19ADD	341833	912447	196.00	3/14/2012	62.44	133.56	133.1	129.30	129.75	0.46	4.26	3.81
								Declines/Wells:			**17/31**	**17/35**	**18/33**
								Average Change:			**-0.33**	**0.21**	**-2.38**
Ashley	15S07W21CBA1	332315.7	915001.37	210.00	3/8/2012	7.54	202.46	198.48	204.00	205.91	3.98	-1.54	-3.45
Ashley	15S04W23DBD1	332247.33	912851.91	128.00	3/8/2012	34.22	93.78						
Ashley	15SO4W26DCC1	332232	91290201	127.00	3/8/2012	32.72	94.28	89.3	93.20	96.32	4.98	1.08	-2.04
Ashley	16S06W08CAA1	331941.34	914438.26	130.00	3/8/2012	77.33	52.67		53.50	54.47		-0.83	-1.80
Ashley	16S06W25DDD1	331640	913958	182.00	3/1/2012	79.42	102.58	102.68			-0.10		
Ashley	16S06W27BAB1	331729	914240	182.00	3/1/2012	85.87	96.13	96.8	97.95	100.34	-0.67	-1.82	-4.21
Ashley	17S04W03ABB1	331528	913010	124.00	3/1/2012	35.26	88.74	90.6	90.40		-1.86	-1.66	
Ashley	17S04W15DDC1	331252.48	912954.09	116.00	3/1/2012	31.83	84.17	85.45	89.20	91.78	-1.28	-5.03	-7.61
Ashley	17S04W21ABA1	331252	913108	117.00	3/1/2012	28.17	88.83	90	87.80	97.79	-1.17	1.03	-8.96
Ashley	17S05W01AAD1	331459	913402	122.00	3/28/2012	19.00	103.00						
Ashley	17S06W35CAC1	331049	914136	179.00	3/7/2012	72.42	106.58	105.84	106.80	101.97	0.74	-0.22	4.61
Ashley	18S08W01AAB1	331014.97	915225.12	181.00	3/7/2012	85.22	95.78	94.8	94.45	94.82	0.98	1.33	0.96
Ashley	18S08W28DDD2	330624.8	915528.46	163.26	1/9/2012	85.15	78.11						
Ashley	19S04W06BAB2	330504	913328.6	110.00	3/7/2012	29.47	80.53	83.6	83.00	87.77	-3.07	-2.47	-7.24
Ashley	19S06W07BCC1	330403.56	914607.92	134.70	3/7/2012	31.56	103.14	103.7	106.80	103.27	-0.56	-3.66	-0.13
Ashley	18S05W22DDA	330701.5	913554.7	125.00	3/16/2012	23.00	102.00	106	103.00	109.00	-4.00	-1.00	-7.00
Ashley	18S05W11CCD	330816.6	913537.3	118.00	3/16/2012	21.00	97.00	93	93.00	98.00	4.00	4.00	-1.00
Ashley	19S04W14BBB	330314.2	912940.6	107.00	3/28/2012	32.20	74.80	72	76.00	82.00	2.80	-1.20	-7.20
Ashley	19S05W22DCD	330138.8	913616	107.00	3/28/2012	28.40	78.60	86	83.00	89.00	-7.40	-4.40	-10.40

Alluvial Aquifer

02-07-11-12 WL Change

County	Station ID	Latitude	Longitude	LSA	Date Measured	2012 Meas.	WL Alt. 12	WL Alt. 11	WL Alt. 07	WL Alt. 02	11-12 Change	07-12 Change	02-12 Change
Ashley	19S05W8ACA	330406.7	913815.1	111.00	3/28/2012	22.00	89.00	95	94.00	98.00	-6.00	-5.00	-9.00
Ashley	19S05W16ABB	330322	913717	116.00	3/16/2012	27.00	89.00	91	90.00	97.00	-2.00	-1.00	-8.00
									Declines/Wells:		**11/17**	**13/17**	**14/16**
									Average Change:		**-0.63**	**-1.32**	**-4.53**
Chicot	13S03W34BAA1	333110.24	912539.38	133.00	3/8/2012	45.26	87.74	89		95.18	-1.26		-7.44
Chicot	13S03W35BAC1	333154.1	912245.5	134.00	3/8/2012	44.40	89.60	91.1	93.70	98.29	-1.50	-4.10	-8.69
Chicot	17S01W06BCC1	331501.18	911505.22	115.00	3/8/2012	23.21	91.79	92.3	93.20		-0.51	-1.41	
Chicot	14S03W32CDB2	332613.47	912551.45	134.00	3/8/2012	40.14	93.86		95.90	99.31		-2.04	-5.45
Chicot	15S02W20DDC1	332226.59	911919.83	126.00	3/8/2012	31.75	94.25		96.00	97.00		-1.75	-2.75
Chicot	17S02W10AAA1	331429	911712	114.00	3/8/2012	26.86	87.14	87.65	87.00	87.20	-0.51	0.14	-0.06
Chicot	14S03W07BBD	332925	912704.01	134.00	3/8/2012	30.90	103.10	102.6	104.00	109.81	0.50	-0.90	-6.71
Chicot	16S03W15DAD1	331809	91233401	118.00	3/1/2012	33.94	84.06	85.15			-1.09		
Chicot	13S03W27AAA	333253	912310	138.00	3/16/2012	49.30	88.70	89.7	92.00	92.00	-1.00	-3.30	-3.30
Chicot	14S02W18BBBD1	332859	912038	130.00	3/22/2012	32.80	97.20	96.4	94.00	101.00	0.80	3.20	-3.80
Chicot	14S02W9BD	332859	911729	135.00	3/16/2012	40.60	94.40	94.6	104.00	107.00	-0.20	-9.60	-12.60
Chicot	17S03W18CBC	331257	912736	115.00	3/27/2012	35.60	79.40	79.4	81.00	82.00	0.00	-1.60	-2.60
Chicot	17S03W28DBA1	331126.59	912441.42	110.00	3/8/2012	25.63	84.37			86.74			-2.37
Chicot	18S01W33BDA	330543	911245	115.00	3/22/2012	10.00	105.00	102	99.00		3.00	6.00	
Chicot	19S03W14ABB1	330304.47	912250.69	111.00	3/8/2012	24.22	86.78			88.90			-2.12
									Declines/Wells:		**7/11**	**8/11**	**12/12**
									Average Change:		**-0.16**	**-1.40**	**-4.82**
Clay	18N08E03DAB1	361323.23	901153.03	257.00	4/11/2012	7.27	249.73	249.3	249.10	252.32	0.43	0.63	-2.59
Clay	19N03E24AAA1	361655	904157.1	278.00	4/11/2012	20.75	257.25	255.1		258.78	2.15		-1.53
Clay	19N04E19AAA1	361654.4	904050	282.00	4/11/2012	31.27	250.73	249.25		252.15	1.48		-1.42
Clay	19N07E25BCB1	361519	901700	268.00	4/3/2012	16.60	251.40		251.00	253.60		0.40	-2.20
Clay	19N09E19CDC1	361539	900908	265.00	4/3/2012	6.90	258.10			259.20			-1.10
Clay	20N04E06BB1	362444.34	904131.25	290.00	4/11/2012	19.79	270.21						
Clay	20N05E34DBA1	361939.31	903117.17	285.00	4/11/2012	31.69	253.31			257.75			-4.44

Alluvial Aquifer

02-07-11-12 WL Change

County	Station ID	Latitude	Longitude	LSA	Date Measured	2012 Meas.	WL Alt. 12	WL Alt. 11	WL Alt. 07	WL Alt. 02	11-12 Change	07-12 Change	02-12 Change
Clay	20N06E28CCD1	362005	902630	290.00	4/3/2012	36.90	253.10		272.00	263.50		-18.90	-10.40
Clay	20N08E24DDA1	362057.1	900933.58	276.00	4/11/2012	9.43	266.57						
Clay	21N05E17ABB1	362755.47	903328.9	298.00	4/11/2012	24.36	273.64		275.60	274.45		-1.96	-0.81
Clay	21N08E18CCC1	362650.9	901550.33	324.00	4/11/2012	43.03	280.97		286.40	286.55		-5.43	-5.58
Clay	21N06E28BBB1	362604.92	902607.97	292.50	4/11/2012	19.90	272.60	270.3	274.10	273.45	2.30	-1.50	-0.85
Clay	21N03E15CBC1	362738	904453	292.00	4/2/2012	10.80	281.20	281	282.00	283.10	0.20	-0.80	-1.90
Clay	21N03E36CDD1	362450	904214	290.00	4/2/2012	10.50	279.50	269.9	272.00	270.70	9.60	7.50	8.80
Clay	21N04E9DBC1	362828	903853	291.00	4/2/2012	12.00	279.00	277.9	281.50	280.90	1.10	-2.50	-1.90
Clay	20N04E3ADA1	362425	903725	290.00	4/2/2012	13.90	276.10	273.5	275.40	271.80	2.60	0.70	4.30
Clay	20N06E9BBA1	362327	902620	290.00	4/2/2012	22.20	267.80	266.5	270.00	270.20	1.30	-2.20	-2.40
Clay	21N07E1DDC1	362835	901607	303.00	4/3/2012	25.50	277.50	272.4	283.00	281.50	5.10	-5.50	-4.00
Clay	19N08E8DCA1	361729	901402	263.00	4/3/2012	4.90	258.10	256.8	258.20		1.30	-0.10	
Clay	20N09E9ABC1	362306	900642	279.00	4/3/2012	5.40	273.60	269.4	272.80	275.00	4.20	0.80	-1.40
Clay	20N05E22CAD1	362118	903132	290.00	4/2/2012	29.00	261.00	259.9	262.90	263.30	1.10	-1.90	-2.30
Clay	21N08E3CDB1	362842	901211	308.00	4/3/2012	20.40	287.60	280.1	290.00		7.50	-2.40	
Clay	19N06E18DBC1	361642	902815	297.00	4/3/2012	41.10	255.90	256.7	260.40	263.00	-0.80	-4.50	-7.10
Clay	20N08E22BDC1	362111	901220	279.00	4/3/2012	8.10	270.90	268.2	271.00	272.50	2.70	-0.10	-1.60
Clay	18N08E11BAA1	361253	901117	259.00	4/3/2012	7.60	251.40	250.8	251.60	251.30	0.60	-0.20	0.10
Clay	19N05E15BBD1	361716	903152	286.00	4/2/2012	37.30	248.70	249.2	261.80	254.30	-0.50	-13.10	-5.60
Clay	21N06E11BBB1	362839	902421	296.00	4/3/2012	14.80	281.20	280	284.00	281.50	1.20	-2.80	-0.30
Clay	21N09E31BDA1	362447	900851	284.00	4/3/2012	5.20	278.80	276.5	279.80	282.00	2.30	-1.00	-3.20
Clay	20N05E30CAC1	362003	903454	293.00	4/2/2012	18.50	274.50	273.3	276.20	276.90	1.20	-1.70	-2.40
Clay	19N04E19BAA1	361649	904125	279.00	4/2/2012	23.10	255.90	254	257.40	257.10	1.90	-1.50	-1.20
Clay	21N05E22BAB1	362704	903132	288.00	4/2/2012	2.10	285.90	279	283.00	281.90	6.90	2.90	4.00
Clay	20N09E33DDC1	361904	900628	270.00	4/3/2012	6.40	263.60	262.5	263.20	264.50	1.10	0.40	-0.90
									Declines/Wells:		**2/24**	**19/26**	**24/28**
									Average Change:		**2.37**	**-2.11**	**-1.78**

Alluvial Aquifer
02-07-11-12 WL Change

County	Station ID	Latitude	Longitude	LSA	Date Measured	2012 Meas.	WL Alt. 12	WL Alt. 11	WL Alt. 07	WL Alt. 02	11-12 Change	07-12 Change	02-12 Change
Craighead	13N01E23CAB1	354430	905736	245.00	4/4/2012	72.20	172.80			179.00			-6.20
Craighead	13N01E23DAA1	354435.4	905651.69	242.00	4/10/2012	74.07	167.93		166.70	173.16		1.23	-5.23
Craighead	13N03E29AAA1	354403.31	904712.98	251.00	4/10/2012	111.31	139.69	142.1	146.70	149.55	-2.41	-7.01	-9.86
Craighead	13N04E12ABB1	354635	903656	231.00	4/9/2012	25.61	205.39	206.1	206.45	205.52	-0.71	-1.06	-0.13
Craighead	13N07E20BBA1	354439.77	902216.44	223.20	4/10/2012	4.92	218.28	218.7	218.40	221.25	-0.42	-0.12	-2.97
Craighead	14N02E18BDD1	355040.91	905419.37	242.00	4/10/2012	60.40	181.60		189.50	188.02		-7.90	-6.42
Craighead	14N02E22AAA1	355007	905129	255.00	3/28/2012	79.50	175.50			183.60			-8.10
Craighead	14N02E27AAA1	354915.7	905124.5	255.00	1/11/2012	85.16	169.84		175.75			-5.91	
Craighead	14N05E25ABB1	354920.85	903025.35	238.00	4/10/2012	19.61	218.39	218.6	219.20	218.47	-0.21	-0.81	-0.08
Craighead	14N06E27AAB1	354911.46	902559.08	225.93	4/10/2012	2.81	223.12	224.63	222.83	225.28	-1.51	0.29	-2.16
Craighead	14N07E26DBB1	354833.59	901843.36	228.00	4/10/2012	7.05	220.95			224.90			-3.95
Craighead	15N06E20DDD1	355426	902739	234.00	4/10/2012	9.73	224.27	224.2	225.20	224.72	0.07	-0.93	-0.45
Craighead	15N06E4BAD1	355744	902706	239.00	3/20/2012	17.50	221.50	221.2	223.00	224.40	0.30	-1.50	-2.90
Craighead	13N04E15DBA1	354521	903857	230.00	3/20/2012	25.70	204.30	204.7	203.90	202.30	-0.40	0.40	2.00
Craighead	15N02E12DCB1	355626	904930	250.00	4/4/2012	37.70	212.30	213.2	215.20	219.80	-0.90	-2.90	-7.50
Craighead	14N01E10BAB1	355204	905828	246.00	4/4/2012	59.40	186.60	189.9	194.00	198.00	-3.30	-7.40	-11.40
Craighead	14N01E31DCA1	354817	910121	251.00	4/4/2012	66.50	184.50	189	190.90	194.50	-4.50	-6.40	-10.00
Craighead	13N07E35BCD1	354233	901837	249.00	3/20/2012	14.00	235.00	236	235.00	241.20	-1.00	0.00	-6.20
Craighead	13N04E26BCC1	354340	903829	225.00	3/20/2012	27.50	197.50	199.5	198.10	196.00	-2.00	-0.60	1.50
Craighead	14N01E03ACB1	355246	905816	249.00	4/4/2012	55.50	193.50	196.9	198.00	199.20	-3.40	-4.50	-5.70
Craighead	13N03E28CDB1	354322	904652	250.00	3/28/2012	117.50	132.50	127	141.50	147.50	5.50	-9.00	-15.00
Craighead	15N07E35DCB1	355241	901831	230.00	3/20/2012	14.50	215.50	215.7	216.00	222.00	-0.20	-0.50	-6.50
Craighead	14N6E06BAA1	355234	902934	240.00	3/20/2012	21.00	219.00	218.7		217.50	0.30		1.50
Craighead	15N05E22BAB1	355513	903241	260.00	3/20/2012	36.20	223.80	227	224.80	224.20	-3.20	-1.00	-0.40
Craighead	13N05E2CCC1	354648	903202	230.00	3/20/2012	15.00	215.00	217.8	217.00	217.00	-2.80	-2.00	-2.00
Craighead	14N07E14DDC1	354956	901831	230.00	3/20/2012	14.50	215.50	216.9	216.00	224.50	-1.40	-0.50	-9.00
Craighead	13N07E5ABB1	354716	902158	225.00	3/20/2012	7.30	217.70	217.2	220.00	218.50	0.50	-2.30	-0.80
Craighead	13N05E24BAC1	354451	903045	225.00	3/20/2012	10.00	215.00	216.7	212.20	217.20	-1.70	2.80	-2.20
Craighead	13N07E2CAB1	354642	901901	226.00	3/20/2012	10.00	216.00	215.1	214.60	222.00	0.90	1.40	-6.00
Craighead	13N06E21AAA1	354421	902743	220.00	3/20/2012	9.00	211.00	214.3	211.00		-3.30	0.00	
									Declines/Wells:		18/24	19/26	25/28
									Average Change:		-1.07	-2.16	-4.51

Alluvial Aquifer

02-07-11-12 WL Change

County	Station ID	Latitude	Longitude	LSA	Date Measured	2012 Meas.	WL Alt. 12	WL Alt. 11	WL Alt. 07	WL Alt. 02	11-12 Change	07-12 Change	02-12 Change
Crittenden	04N07E21AAD1	345643.83	902121.49	202.00	4/9/2012	9.87	192.13			191.94			0.19
Crittenden	05N07E28CBA1	350121.32	902139.85	201.00	4/9/2012	16.06	184.94	184.05		182.68	0.89		2.26
Crittenden	05N07E34BAB1	350059.39	902029.86	203.00	4/9/2012	14.36	188.64	190.4	183.30	187.91	-1.76	5.34	0.73
Crittenden	05N08E11CCD2	350344.75	901308.22	211.00	4/9/2012	24.91	186.09			184.00			2.09
Crittenden	06N07E13BAA1	350849.58	901807.57	205.00	4/9/2012	20.79	184.21	183.35	182.50	184.85	0.86	1.71	-0.64
Crittenden	07N07E05DAD1	351504	902129	215.00	4/9/2012	30.98	184.02	183.71	182.65		0.31	1.37	
Crittenden	07N07E31CCC1	351041.9	902358.97	207.00	4/9/2012	36.53	170.47	169.4	171.10	174.54	1.07	-0.63	-4.07
Crittenden	07N07E05CDD1	351453.34	900933.58	215.00	4/9/2012	9.46	205.54						
Crittenden	08N07E13CCC2	351828.34	901811.95	221.00	4/9/2012	31.13	189.87	189.1	191.60	191.53	0.77	-1.73	-1.66
Crittenden	08N07E14DAA2	351854.41	901832.68	219.00	4/9/2012	32.62	186.38		187.80	188.92		-1.42	-2.54
Crittenden	09N07E10DDA1	352447.58	901924.64	221.00	4/9/2012	28.84	192.16	191.7	191.90	192.85	0.46	0.26	-0.69
Crittenden	09N07E31BAB1	352159.85	902326.57	221.00	4/9/2012	33.20	187.80	186.7	188.00	188.68	1.10	-0.20	-0.88
Crittenden	08N07E35BBC1	351630	901933	221.00	3/14/2012	32.56	188.44	188.46	189.76		-0.02	-1.32	
								Declines/Wells:			**2/9**	**5/9**	**6/10**
								Average Change:			**0.41**	**0.38**	**-0.52**
Cross	06N02E11BDB1	350934	905132	200.00	4/2/2012	67.50	132.50		136.00	139.00		-3.50	-6.50
Cross	06N05E05AAA1	351042	903432	205.00	4/2/2012	40.50	164.50						
Cross	07N01E05CDA1	351517.52	910049.05	217.00	5/1/2012	80.07	136.93	137.6	143.00	146.82	-0.67	-6.07	-9.89
Cross	07N01E05DCA1	351514	910033	215.00	4/2/2012	78.50	136.50			143.00			-6.50
Cross	07N01E06CAA1	351530	910154	220.00	4/2/2012	76.60	143.40		146.00	151.00		-2.60	-7.60
Cross	07N01E11AAA1	351501.25	905705.29	217.00	5/1/2012	80.28	136.72	137.7	138.50	143.65	-0.98	-1.78	-6.93
Cross	07N01E33BBA1	351134	910010	215.00	4/2/2012	72.00	143.00			145.00			-2.00
Cross	07N02E02CDD1	351544	905140	225.00	3/14/2012	84.14	140.86	141.78	151.00		-0.92	-10.14	
Cross	07N02E10ABB1	351504	905217	225.00	4/2/2012	92.00	133.00		140.00			-7.00	
Cross	07N02E12BBC1	351447	905040	225.00	4/2/2012	81.00	144.00						
Cross	07N02E29CCC1	351142	905152	220.00	4/2/2012	74.00	146.00						
Cross	07N02E29DDC1	351138.09	905409.17	220.00	4/2/2012	72.50	147.50	146	147.10	151.58	1.50	0.40	-4.08
Cross	07N03E05AAD1	351558	904737	255.00	4/2/2012	105.00	150.00						
Cross	07N03E05ADA1	351548.89	904738.6	254.00	5/1/2012	115.38	138.62	141.7	142.40	143.29	-3.08	-3.78	-4.67
Cross	07N03E32DCC1	351045.29	904810.28	251.00	5/1/2012	98.36	152.64	152.7	154.20	155.05	-0.06	-1.56	-2.41

Alluvial Aquifer

02-07-11-12 WL Change

County	Station ID	Latitude	Longitude	LSA	Date Measured	2012 Meas.	WL Alt. 12	WL Alt. 11	WL Alt. 07	WL Alt. 02	11-12 Change	07-12 Change	02-12 Change
Cross	07N04E03BDA1	351546	903925	205.00	4/2/2012	30.50	174.50						
Cross	07N04E07AAA1	351510	904207	215.00	4/2/2012	41.00	174.00		168.50			5.50	
Cross	07N04E27BDA1	351220	903926	200.00	4/2/2012	26.50	173.50		175.00			-1.50	
Cross	07N05E02AAB1	351600	903103	210.00	4/2/2012	42.50	167.50		168.50			-1.00	
Cross	07N05E16ACA1	351358	903352	210.00	4/2/2012	35.00	175.00						
Cross	07N05E19CCC1	351237.7	903644.9	207.00	5/1/2012	35.96	171.04	165.8		170.52	5.24		0.52
Cross	07N05E25ABA1	351228.87	903044.79	205.00	5/1/2012	38.28	166.72	166.8	164.40	169.84	-0.08	2.32	-3.12
Cross	08N01E02CDD1	352023	905736	220.00	4/3/2012	93.00	127.00		135.00			-8.00	
Cross	08N01E16DBB1	351855	905933	225.00	4/3/2012	90.50	134.50		139.50	141.00		-5.00	-6.50
Cross	08N01E17CAD1	351852	910046	220.00	4/3/2012	78.00	142.00		144.00			-2.00	
Cross	08N02E12DCC1	351938	905002	230.00	4/3/2012	98.00	132.00		140.50	141.00		-8.50	-9.00
Cross	08N02E17AAA1	351923	905354	225.00	4/2/2012	94.00	131.00		138.00	142.00		-7.00	-11.00
Cross	08N05E17CAA1	351904	903508	210.00	4/2/2012	32.00	178.00		185.00			-7.00	
Cross	08N05E32ADD1	351631.65	903440.45	204.00	5/1/2012	27.23	176.77	175.75	176.10	172.02	1.02	0.67	4.75
Cross	09N01E04ACD1	352608	905914	225.00	4/3/2012	93.50	131.50		135.00	140.00		-3.50	-8.50
Cross	09N01E33BBA2	352202.76	910000.6	225.00	5/1/2012	85.66	139.34	139.8	141.00	148.00	-0.46	-1.66	-8.66
Cross	09N01E36AAB1	352155	905605	225.00	4/3/2012	95.00	130.00		138.50	142.00		-8.50	-12.00
Cross	09N02E20AAA1	352402	905342	230.00	4/3/2012	99.00	131.00			139.00			-8.00
Cross	09N02E30CBB1	352243	905551	225.00	4/3/2012	95.00	130.00		136.00	139.00		-6.00	-9.00
Cross	09N02E32BBB1	352213	905444	225.00	4/3/2012	94.00	131.00		129.00			2.00	
Cross	09N03E03ACA1	352630	904529	250.00	4/3/2012	109.00	141.00		142.00			-1.00	
Cross	09N03E17DDC1	352408.8	904725.6	251.00	5/1/2012	109.94	141.06	146	144.00	147.68	-4.94	-2.94	-6.62
Cross	09N04E01AAC1	352622	903648	205.00	4/2/2012	17.00	188.00		190.00			-2.00	
Cross	09N05E32BCB1	352151	903525	210.00	4/2/2012	30.00	180.00		178.85	173.00		1.15	7.00
Cross	09N05E32BDB1	352150.53	903512.11	210.00	4/2/2012	28.99	181.01	180.2		178.05	0.81		2.96
									Declines/Wells:		**8/12**	**23/29**	**19/23**
									Average Change:		**-0.22**	**-3.10**	**-5.12**
Desha	08S03W33ABD1	335802.92	912338.18	165.04	3/13/2012	6.57	158.47	150.84	157.34	158.90	7.63	1.13	-0.43
Desha	09S02W26DDC1	335256.57	911529.64	149.27	2/9/2012	33.28	115.99	117.73	117.88	118.92	-1.74	-1.89	-2.93
Desha	09S03W05BAC1	335704	912506	161.00	3/27/2012	48.60	112.40			118.00			-5.60

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County	Station ID	Latitude	Longitude	LSA	Date Measured	2012 Meas.	WL Alt. 12	WL Alt. 11	WL Alt. 07	WL Alt. 02	11-12 Change	07-12 Change	02-12 Change
Desha	09S03W17DCB1	335448.23	912456.66	155.08	3/13/2012	37.38	117.70	118.08	120.48	121.34	-0.38	-2.78	-3.64
Desha	09S03W13BAB1	335500	911922	156.00	4/3/2012	36.50	119.50			125.00			-5.50
Desha	09S04W06BCA1	335756.1	913243	161.00	3/13/2012	37.66	123.34	123.6		128.22	-0.26		-4.88
Desha	09S04W06CBB1	335629.1	913256.6	162.00	3/29/2012	44.00	118.00						
Desha	10S01W23CDA1	335305	911032	151.00	4/3/2012	23.00	128.00			124.00			4.00
Desha	10S02W20ADA1	334916	911825	148.00	3/13/2012	42.16	105.84	106.6			-0.76		
Desha	10S03W26CAA1	334806	912144.55	150.00	3/13/2012	48.71	101.29		101.50	107.06		-0.21	-5.77
Desha	10S04W11DDA1	335031.33	912801.68	155.00	3/13/2012	35.52	119.48						
Desha	10S04W03BAB1	335208.61	912947.66	166.00	3/13/2012	39.55	126.45						
Desha	13S02W27CAC1	333223.99	911734.76	133.00	3/12/2012	33.92	99.08	99.88	100.90	102.62	-0.80	-1.82	-3.54
Desha	11S2W15ADD1	334446	911635	148.00	4/3/2012	35.90	112.10	112.6	112.00	116.00	-0.50	0.10	-3.90
Desha	11S03W16CBA1	334439	912433	155.00	4/3/2012	36.00	119.00			123.00			-4.00
Desha	11S03W31BBA1	334228.22	912651.1	148.00	3/12/2012	35.95	112.05			116.53			-4.48
Desha	12S01W33BAA1	333718.14	911205.07	135.00	3/12/2012	7.39	127.61						
Desha	9S1W15CBB	335501	911055	152.00	4/3/2012	38.60	113.40	111	113.00	115.00	2.40	0.40	-1.60
Desha	10S2W11ADD	335045	911517	148.00	4/3/2012	35.00	113.00	119	118.00	121.00	-6.00	-5.00	-8.00
Desha	9S1W8BDA	335608	911234	151.00	4/3/2012	23.40	127.60	124	121.00	128.00	3.60	6.60	-0.40
Desha	13S02W17ADA1	333421	911858	138.00	3/27/2012	47.20	90.80			95.00			-4.20
Desha	13S3W11CAB	333503	912241	142.00	4/3/2012	56.40	85.60	86.4	90.00	96.00	-0.80	-4.40	-10.40
Desha	07S01E19ABA	3407586	9104925	154	3/13/12	14.00	140.00	138	132.00	141.00	2.00	8.00	-1.00
									Declines/Wells:		**8/12**	**6/11**	**17/18**
									Average Change:		**0.37**	**0.01**	**-3.68**
Drew	11S04W35DC1	334144	912842	154.00	3/12/2012	30.11	123.89	125.4	125.34		-1.51	-1.45	
Drew	11S05W08CCC1	334546.48	913837.16	185.00	3/12/2012	38.52	146.48	144.9	145.40	149.95	1.58	1.08	-3.47
Drew	12S04W03ABB1	334133.92	912946.13	155.00	3/12/2012	27.20	127.80	129.26	128.80	132.08	-1.46	-1.00	-4.28
Drew	13S04W09ACD1	333512	913034	145.00	4/9/2012	30.00	115.00		125.00	128.60		-10.00	-13.60
Drew	13S05W29ADA1	333248.23	913747.31	185.00	3/12/2012	41.60	143.40		139.90			3.50	
Drew	13S06W21DAA1	333324	914258	207.00	3/27/2012	75.00	132.00		120.00	126.00		12.00	6.00
Drew	12S04W25DBB	333740	912739	150.00	4/9/2012	37.00	113.00	118.5	118.30	122.00	-5.50	-5.30	-9.00
Drew	14S04W03ADD1	333050	912929	141.00	3/27/2012	33.00	108.00		112.00	117.00		-4.00	-9.00

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County	Station ID	Latitude	Longitude	LSA	Date Measured	2012 Meas.	WL Alt. 12	WL Alt. 11	WL Alt. 07	WL Alt. 02	11-12 Change	07-12 Change	02-12 Change
Drew	14S04W05CBA1	333047	913218	131.00	3/27/2012	17.00	114.00		115.00	118.00		-1.00	-4.00
Drew	15S04W13DAD1	332338	912730	131.00	3/27/2012	1.30	129.70						
								Declines/Wells:			3/4	6/9	6/7
								Average Change:			-1.72	-0.69	-5.34
Greene	16N03E03BA1	360315.87	904515.85	260.00	5/2/2012	36.38	223.62		226.50	231.19		-2.88	-7.57
Greene	16N03E05BBB1	360316	904750	257.00	4/2/2012	35.90	221.10		223.10	230.10		-2.00	-9.00
Greene	16N03E16DDD1	360049	904547	258.00	4/2/2012	37.00	221.00		228.40	232.00		-7.40	-11.00
Greene	16N06E09ABB1	360215	902651	261.00	4/3/2012	37.80	223.20		208.50	208.90		14.70	14.30
Greene	16N06E21BAA1	360031	902705	249.00	4/3/2012	35.00	214.00		221.80	219.20		-7.80	-5.20
Greene	17N03E02BDB1	360831.96	904413.35	266.00	5/2/2012	35.30	230.70		236.20			-5.50	
Greene	17N03E02DCC1	360806	904352	267.00	4/2/2012	45.60	221.40			237.40			-16.00
Greene	17N03E35CB1	360347	904437	259.00	4/2/2012	36.50	222.50						
Greene	17N04E07AD1	360718	904122	271.00	4/2/2012	43.30	227.70		230.80	232.20		-3.10	-4.50
Greene	17N04E28DAA1	360431	903917	319.00	3/14/2012	89.79	229.21	228.49	235.67		0.72	-6.46	
Greene	17N06E15ABC1	360631	902546	268.00	4/3/2012	36.10	231.90		236.70	232.80		-4.80	-0.90
Greene	17N07E01BBA1	360832	901724	248.00	4/3/2012	5.10	242.90		241.40			1.50	
Greene	17N07E03CCC1	360744	901951	246.00	4/3/2012	6.30	239.70		239.90	241.90		-0.20	-2.20
Greene	17N07E18ABB1	360638.48	902234.73	245.00	5/2/2012	15.36	229.64			239.52			-9.88
Greene	17N07E29CBC1	360419	902201	245.00	4/3/2012	9.30	235.70			243.30			-7.60
Greene	18N04E21CBD1	361052.32	903724.76	294.00	5/2/2012	58.65	235.35	235.5	233.00	240.96	-0.15	2.35	-5.61
Greene	18N04E04AAC1	361356	903854	273.00	4/2/2012	33.80	239.20		240.30	244.40		-1.10	-5.20
Greene	18N06E23ABB1	361109	902402	277.00	4/3/2012	14.90	262.10		260.90	263.00		1.20	-0.90
Greene	18N07E05DAB1	361316	902024.9	275.00	4/3/2012	14.10	260.90		260.80			0.10	
Greene	18N07E20BBA1	361110.37	902113.23	257.00	5/2/2012	10.18	246.82	244.25	252.50	253.23	2.57	-5.68	-6.41
Greene	18N07E17BAB1	361203	902105	262.00	4/3/2012	7.00	255.00		252.90	255.60		2.10	-0.60
Greene	19N03E26AD1	361600.72	904258.43	281.00	4/11/2012	29.49	251.51	250.2	252.46	253.30	1.31	-0.95	-1.79
Greene	18N03E24ACA1	361119	904216	270.00	4/2/2012	36.50	233.50		238.30	237.90		-4.80	-4.40
Greene	19N03E33DDD1	361418	904516	276.00	4/2/2012	40.60	235.40		231.50	242.70		3.90	-7.30
Greene	19N05E34AAD1	361437	903102	282.00	4/2/2012	5.80	276.20						

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County	Station ID	Latitude	Longitude	LSA	Date Measured	2012 Meas.	WL Alt. 12	WL Alt. 11	WL Alt. 07	WL Alt. 02	11-12 Change	07-12 Change	02-12 Change
									Declines/Wells:		1/4	13/20	18/19
									Average Change:		1.11	-1.34	-4.83
Independence	12N04W14DD1	353929.42	912236.26	231.00	5/2/2012	22.03	208.97		209.00	215.26		-0.03	-6.29
Independence	12N04W34CBB1	353720.1	912512.5	231.00	5/2/2012	20.83	210.17		209.90	222.40		0.27	-12.23
Independence	14N03W14CB2	355105	911700	235.00	4/4/2012	5.20	229.80		232.00	221.50		-2.20	8.30
Independence	14N03W14DBB1	355106	911640.42	230.00	5/2/2012	7.82	222.18		226.90	228.50		-4.72	-6.32
									Declines/Wells:			3/4	3/4
									Average Change:			-1.67	-4.13
Jackson	09N01W22ADD1	352331.57	910432.57	215.00	4/5/2012	62.74	152.26		160.40	155.93		-8.14	-3.67
Jackson	09N02W32CBB1	352151.79	911347.79	220.00	4/5/2012	28.95	191.05	190.5	188.40	188.50	0.55	2.65	2.55
Jackson	11N01W26AAD1	353329.77	910323.21	227.00	4/26/2012	70.59	156.41	156.7	158.40	162.23	-0.29	-1.99	-5.82
Jackson	11N01W29AAD1	353338.7	910635.3	225.00	4/26/2012	41.40	183.60	182.5		185.48	1.10		-1.88
Jackson	11N03W06DAB1	353655.13	912008.5	223.00	4/26/2012	12.96	210.04	204.2	212.15	212.85	5.84	-2.11	-2.81
Jackson	12N02W25ABB2	353909.97	910852.17	234.00	4/26/2012	34.21	199.79		200.50	197.14		-0.71	2.65
Jackson	13N01W20AAA1	354514.14	910627.47	242.00	4/13/2012	41.60	200.40	198.47	201.40	203.41	1.93	-1.00	-3.01
Jackson	14N01W09AAA1	355220.36	910515.16	251.00	4/13/2012	45.35	205.65	206.2	209.20	210.64	-0.55	-3.55	-4.99
Jackson	10N02W29ABB1	352909	911309	227.00	4/5/2012	26.64	200.36	198.3	197.00	199.07	2.06	3.36	1.29
									Declines/Wells:		2/7	6/8	6/9
									Average Change:		1.52	-1.44	-1.74
Jefferson	03S08W24BBC1	342620.37	914953.19	202.00	3/19/2012	52.61	149.39	150.5	150.10	153.38	-1.11	-0.71	-3.99
Jefferson	03S09W06DDA1	342839.9	920036.62	225.00	3/19/2012	39.46	185.54			188.21			-2.67
Jefferson	03S09W14BCD1	342712	915713	224.00	4/3/2012	72.80	151.20						
Jefferson	03S09W22AAA1	342639.63	915728.43	218.00	4/3/2012	42.00	176.00		176.00	179.50		0.00	-3.50
Jefferson	03S09W29CBD1	342516.81	920023.32	216.00	3/19/2012	27.08	188.92	189.41	188.50	190.10	-0.49	0.42	-1.18
Jefferson	03S09W36ACC1	342428	915555	214.00	3/29/2012	38.90	175.10		184.00	176.00		-8.90	-0.90
Jefferson	03S10W35BBC1	342449	920359	215.00	4/3/2012	11.00	204.00		201.30			2.70	
Jefferson	04S07W35DDB1	341836	914347	185.00	3/29/2012	30.60	154.40		153.20	158.50		1.20	-4.10

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County	Station ID	Latitude	Longitude	LSA	Date Measured	2012 Meas.	WL Alt. 12	WL Alt. 11	WL Alt. 07	WL Alt. 02	11-12 Change	07-12 Change	02-12 Change
Jefferson	04S08W13DCB1	342122.85	914926.45	204.00	3/19/2012	47.80	156.20		160.70	160.30		-4.50	-4.10
Jefferson	04S09W02CBD1	342325	915717	212.00	3/29/2012	34.90	177.10		177.20	180.00		-0.10	-2.90
Jefferson	05S08W12DAA1	341712	914907	194.25	3/19/2012	18.05	176.20	174.14	177.45	177.54	2.06	-1.25	-1.34
Jefferson	06S05W15BCA1	341022.95	913245	177.14	3/13/2012	16.69	160.45	160.38	157.64	156.94	0.07	2.81	3.51
Jefferson	06S06W23AAD1	341006.74	913712.2	189.01	3/13/2012	19.37	169.64	171.21	164.51	169.75	-1.57	5.13	-0.11
Jefferson	06S07W14BAA1	341124.96	914425	199.00	3/13/2012	15.69	183.31	183.85	181.20	183.86	-0.54	2.11	-0.55
Jefferson	07S07W16BAA1	340722	914828	188.00	3/29/2012	26.00	162.00		161.60	159.00		0.40	3.00
Jefferson	07S08W06BAA1	340858.53	915647.26	202.31	3/13/2012	20.62	181.69	182.84	182.61	182.67	-1.15	-0.92	-0.98
								Declines/Wells:			**5/5**	**3/4**	**3/3**
								Average Change:			**-0.39**	**-0.11**	**-1.42**
Lawrence	15N01E09ABD1	355714	905900	259.00	3/14/2012	58.80	200.20	201.05	204.70		-0.85	-4.50	
Lawrence	15N01E26DDA1	355412	905651	251.00	5/2/2012	54.76	196.24	196.7	198.70	201.45	-0.46	-2.46	-5.21
Lawrence	15N01E32BAA1	355352	910027	254.00	3/14/2012	55.45	198.55	198.69	201.75		-0.14	-3.20	
Lawrence	15N01W35CBB1	355336.15	910356.33	250.00	5/2/2012	49.04	200.96	202.3		206.95	-1.34		-5.99
Lawrence	16N01E11DAC2	360203.04	905639.37	262.00	5/2/2012	51.61	210.39	211.8	209.50	217.84	-1.41	0.89	-7.45
								Declines/Wells:			**5/5**	**3/4**	**3/3**
								Average Change:			**-0.84**	**-2.32**	**-6.22**
Lee	01N01E04AAB1	344358	910015	175.00	4/28/2012	37.50	137.50			150.00			-12.50
Lee	01N01E09CCC1	344215	910054	182.00	4/19/2012	36.00	146.00		146.50	154.00		-0.50	-8.00
Lee	01N01E24CBD1	344033	905729	185.00	4/19/2012	21.00	164.00		164.00	171.70		0.00	-7.70
Lee	01N02E11BAB1	344255	905208	202.00	4/19/2012	37.00	165.00		169.00	180.00		-4.00	-15.00
Lee	01N02E12ABB1	344254	905040	206.00	4/19/2012	74.00	132.00		171.00	179.00		-39.00	-47.00
Lee	01N02E22CBA1	344056	905318	200.00	4/19/2012	30.50	169.50		170.50	175.00		-1.00	-5.50
Lee	01N02E33CBB1	343858	905434	186.00	4/19/2012	30.50	155.50		169.00	174.50		-13.50	-19.00
Lee	01N02E33CCB1	343851	905433	185.00	4/19/2012	15.50	169.50		171.00	175.00		-1.50	-5.50
Lee	01N03E02BBC1	344339.29	904601.14	236.43	4/2/2012	55.02	181.41	182.18	183.73	182.97	-0.77	-2.32	-1.56
Lee	01N03E27ADD1	343952	904605	204.00	4/28/2012	29.00	175.00		189.00	193.50		-14.00	-18.50
Lee	01N03E35BBA1	343923	904549	202.00	4/2/2012	15.91	186.09	185.55	167.50	189.13	0.54	18.59	-3.04

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County	Station ID	Latitude	Longitude	LSA	Date Measured	2012 Meas.	WL Alt. 12	WL Alt. 11	WL Alt. 07	WL Alt. 02	11-12 Change	07-12 Change	02-12 Change
Lee	02N01E21BAA1	344633	910005	185.00	4/28/2012	37.50	147.50			154.20			-6.70
Lee	02N01W12BAA1	344828.26	910329.55	185.00	4/2/2012	46.84	138.16			144.45			-6.29
Lee	02N01W34DDC1	344410	910520	180.00	4/28/2012	57.00	123.00		120.00	135.50		3.00	-12.50
Lee	02N02E08ADC1	344807.34	905338.75	201.00	4/2/2012	46.35	154.65	155.2	156.70	160.99	-0.55	-2.05	-6.34
Lee	02N02E36DDC1	344355	905020	205.00	4/19/2012	36.00	169.00			180.00			-11.00
Lee	02N03E08AAD1	344810	904837	211.00	4/2/2012	43.50	167.50	164.31	166.00	166.55	3.19	1.50	0.95
Lee	02N03E09DDD1	344723	904707	220.00	4/28/2012	49.60	170.40		168.00	171.50		2.40	-1.10
Lee	02N03E29CAD1	344500	904846	215.00	4/28/2012	47.00	168.00		173.00	171.00		-5.00	-3.00
Lee	02N03E03ABD1	344855	903954	192.00	4/19/2012	20.00	172.00		166.00			6.00	
Lee	02N04E15DAC1	344636.73	903950.39	192.00	4/2/2012	17.14	174.86	171	171.00	173.43	3.86	3.86	1.43
Lee	03N01E03CBC1	345358.5	905946.6	205.00	4/2/2012	69.05	135.95			143.00			-7.05
Lee	03N01E15CC1	345206	905947	205.00	4/2/2012	66.48	138.52	139.3	142.02		-0.78	-3.50	
Lee	03N01E16CBA1	345222.08	910039.89	202.00	4/2/2012	67.96	134.04			141.34			-7.30
Lee	03N01E32BCC1	344951	910150	200.00	4/19/2012	69.50	130.50		138.00	141.00		-7.50	-10.50
Lee	03N02E12CDC1	345239	905053	210.00	4/19/2012	45.00	165.00		163.00	165.00		2.00	0.00
Lee	03N02E13BBA1	345237.4	905107.32	212.00	4/2/2012	50.22	161.78	163	163.00	163.24	-1.22	-1.22	-1.46
Lee	03N02E21CBC1	345111	905428	209.00	4/28/2012	56.50	152.50			156.50			-4.00
Lee	03N02E29DAD1	345013.62	905429.78	205.00	4/2/2012	46.51	158.49	159.1	159.90	161.87	-0.61	-1.41	-3.38
Lee	03N03E32CAB1	344932.65	904926.23	204.00	4/2/2012	48.99	155.01	154.57	154.80	155.20	0.44	0.21	-0.19
Lee	03N03E05CDD1	345327	904837	204.00	4/19/2012	40.00	164.00		152.00	160.00		12.00	4.00
Lee	03N03E18DAB1	345206	904919	196.00	4/28/2012	27.00	169.00		167.00	166.00		2.00	3.00
Lee	03N04E07CBB1	345245	904312	200.00	4/28/2012	16.00	184.00		167.00	168.50		17.00	15.50
Lee	03N05E14DDA1	345148.08	903203.25	193.00	4/2/2012	11.57	181.43	179.9	178.70	179.04	1.53	2.73	2.39
Lee	03N05E26ADC1	345020	903215	185.00	4/19/2012	4.50	180.50		178.00	178.50		2.50	2.00
Lee	02N01E23BAA2	3446300	905817	202.00	4/2/2012	53.60	148.40	149.65	150.90	154.43	-1.25	-2.50	-6.03
									Declines/Wells:		**6/11**	**15/29**	**26/34**
									Average Change:		**0.40**	**-0.87**	**-5.91**
Lincoln	08S04W08BBB2	340253.9	913100.8	171.00	3/13/2012	20.13	150.87	151.55		151.24	-0.68		-0.37
Lincoln	08S04W31CBA1	335901.09	913149.69	161.90	3/13/2012	35.75	126.15	126.3	127.90	130.42	-0.15	-1.75	-4.27
Lincoln	08S07W05DDD1	340301	914903	190.00	3/13/2012	31.10	158.90	159.5	159.60	161.32	-0.60	-0.70	-2.42

Alluvial Aquifer

02-07-11-12 WL Change

County	Station ID	Latitude	Longitude	LSA	Date Measured	2012 Meas.	WL Alt. 12	WL Alt. 11	WL Alt. 07	WL Alt. 02	11-12 Change	07-12 Change	02-12 Change
Lincoln	09S05W14ABC1	335553.02	913439.08	172.50	3/12/2012	41.95	130.55	129.39	133.50	135.88	1.16	-2.95	-5.33
Lincoln	09S05W17BCB1	335551.59	913819.95	171.00	3/12/2012	40.96	130.04	131.1	132.90	131.31	-1.06	-2.86	-1.27
Lincoln	09S06W04BCD1	335821.38	914345.83	181.00	3/12/2012	43.21	137.79	138.7	138.60	142.15	-0.91	-0.81	-4.36
Lincoln	10S05W05CB	335529	913832	172.00	3/12/2012	28.23	143.77	144.42	144.40		-0.65	-0.63	
Lincoln	10S05W06DCC1	335155.3	913907.96	175.00	3/12/2012	29.82	145.18	146.35	146.90	146.08	-1.17	-1.72	-0.90
Lincoln	0706W03CCA2	340828	914114	190.00	3/28/2012	16.00	174.00		168.00	177.00		6.00	-3.00
Lincoln	07S07W36CBD1	340411	914529	183.00	3/27/2012	42.00	141.00		145.00	142.00		-4.00	-1.00
Lincoln	08S04W06ABD1	340341	913116	171.00	3/28/2012	12.00	159.00		156.00	154.00		3.00	5.00
Lincoln	08S04W29ABC1	340021	913044	176.00	3/28/2012	32.00	144.00			134.00			10.00
Lincoln	08S05W12AAD1	340246	913214	171.00	3/28/2012	32.00	139.00		147.00	150.00		-8.00	-11.00
Lincoln	08S05W21DCD1	340027	913533	169.00	3/29/2012	26.00	143.00		133.00	133.00		10.00	10.00
Lincoln	08S05W32DCC1	335840	913644	172.00	3/28/2012	62.00	110.00		127.00	128.00		-17.00	-18.00
Lincoln	09S05W19CCC1	335428	913941	171.00	3/26/2012	40.00	131.00			137.00			-6.00
									Declines/Wells:		**7/8**	**10/13**	**12/15**
									Average Change:		**-0.51**	**-1.65**	**-2.19**
Lonoke	01N09W13DAB1	344235.17	915517.01	226.00	3/20/2012	84.53	141.47	142.5	138.00	140.25	-1.03	3.47	1.22
Lonoke	01S06W31ABB1	343459.39	914131.48	200.00	3/20/2012	79.94	120.06	120.7	120.50	121.63	-0.64	-0.44	-1.57
Lonoke	01S07W19DC1	343609	914746	206.00	3/2/2012	86.98	119.02	120.48	122.34		-1.46	-3.32	
Lonoke	01S08W24CDD1	343605.64	914912.37	210.00	3/20/2012	83.64	126.36	127.2	127.35	130.65	-0.84	-0.99	-4.29
Lonoke	01S09W36CCC1	343435.31	915618.98	220.00	3/19/2012	62.94	157.06	158.07	156.10	159.24	-1.01	0.96	-2.18
Lonoke	01S10W01ACB1	343926.84	920214.96	236.00	3/19/2012	43.47	192.53	192.5	189.40	190.00	0.03	3.13	2.53
Lonoke	01S10W11CCB1	343839	920337	235.00	3/19/2012	29.35	205.65	198.79	202.73		6.86	2.92	
Lonoke	02N08W16ABC1	344806.48	915113.61	230.00	3/20/2012	126.87	103.13	105.65	106.70	111.60	-2.52	-3.57	-8.47
Lonoke	02S07W10CCB1	343246.5	914524.7	201.00	3/19/2012	62.69	138.31	139.3		139.97	-0.99		-1.66
Lonoke	02S08W06BAA1	343430	915447	221.00	3/19/2012	68.55	152.45	153.5	151.60		-1.05	0.85	
Lonoke	02S08W28CDC	343008	915237	211.00	3/19/2012	62.93	148.07	148.43	149.40		-0.36	-1.33	
Lonoke	02S08W34DBB1	343003	915149.8	214.00	3/19/2012	68.14	145.86	149.25		153.33	-3.39		-7.47
Lonoke	03N07W35CDC2	344957.16	914332.11	232.00	3/20/2012	121.76	110.24	114.25	115.30	118.75	-4.01	-5.06	-8.51
Lonoke	03N08W21BCC1	345220.2	915220.2	247.00	3/20/2012	110.17	136.83	139.05		167.65	-2.22		-30.82

Alluvial Aquifer

02-07-11-12 WL Change

County	Station ID	Latitude	Longitude	LSA	Date Measured	2012 Meas.	WL Alt. 12	WL Alt. 11	WL Alt. 07	WL Alt. 02	11-12 Change	07-12 Change	02-12 Change
Lonoke	03N08W32ABB3	345058.68	915255.43	250.00	3/20/2012	62.07	187.93	193.25		193.00	-5.32		-5.07
Lonoke	04N08W15BCB2	345832.92	915121.25	225.00	3/20/2012	34.54	190.46	187.85			2.61		
Lonoke	02N10W23BCA1	344725	920321	242.00	3/20/2012	11.46	230.54	232.6		239.10	-2.06		-8.56
Lonoke	02N08W27DCC	344543	915106	230.00	4/10/2012	131.96	98.04	98.64			-0.60		
Lonoke	01N08W03DDA1	344411	915050	229.00	3/29/2012	139.00	90.00		93.80	99.50		-3.80	-9.50
Lonoke	01N10W15CDA1	344236	920415	240.00	3/29/2012	24.00	216.00			209.20			6.80
Lonoke	01S06W32BBB1	343501	914056	201.00	3/29/2012	80.00	121.00		123.00	121.70		-2.00	-0.70
Lonoke	01S07W12ABA1	343834.31	914229.84	207.00	3/20/2012	81.82	125.18			139.70			-14.52
Lonoke	02N07W07DAA1	344845	914707	232.00	3/29/2012	138.00	94.00		100.00	99.40		-6.00	-5.40
Lonoke	02N07W16BAB1	344815.2	9144539.5	240.00	3/20/2012	144.93	95.07		99.80	104.91		-4.73	-9.84
Lonoke	02N08W23CAB1	344659	915118	229.00	3/29/2012	135.00	94.00			95.50			-1.50
Lonoke	02N10W15ACC1	344807	920353	242.00	3/29/2012	28.00	214.00		209.50			4.50	
Lonoke	02S07W05CDC1	343326	914715	205.00	3/29/2012	75.00	130.00		134.80	138.10		-4.80	-8.10
Lonoke	02S08W13BBB1	343231.92	914935.37	200.00	3/19/2012	62.02	137.98			142.92			-4.94
Lonoke	02S09W22AAA1	3431536	915728	226.00	3/29/2012	63.00	163.00						
Lonoke	02S09W26DC1	343019	915643	216.00	3/29/2012	52.00	164.00						
Lonoke	02S09W30CDD1	343014.34	920116.01	226.00	3/19/2012	38.91	187.09		187.80	189.44		-0.71	-2.35
Lonoke	03N07W08BDB1	345406.62	914638.28	250.00	3/22/2012	99.69	150.31			157.94			-7.63
Lonoke	03N07W15DBC2	345252.79	914416.62	227.00	3/20/2012	84.79	142.21		144.00	147.78		-1.79	-5.57
Lonoke	03N07W29ADA1	345128.53	914558.4	234.00	3/22/2012	94.22	139.78		138.00	146.70		1.78	-6.92
Lonoke	03N07W29CDD1	345057	914632	232.00	3/29/2012	110.00	122.00						
Lonoke	03N08W03BAA1	345518.54	915053.52	260.00	3/22/2012	101.10	158.90			171.82			-12.92
Lonoke	03N08W03CCC1	345429.86	915123.2	260.00	3/22/2012	107.52	152.48			163.66			-11.18
Lonoke	03N08W08ABA1	345426.98	915247.87	258.00	3/22/2012	98.81	159.19			167.57			-8.38
Lonoke	03N08W10ACB1	345414.65	915052.74	250.00	3/22/2012	95.33	154.67			165.88			-11.21
Lonoke	03N08W10ADD1	345401.06	915022.78	250.00	3/22/2012	97.14	152.86			167.71			-14.85
Lonoke	03N08W11ACA1	345412.72	914934.26	256.00	3/22/2012	104.72	151.28			161.08			-9.80
Lonoke	03N08W26CDC1	345100	915007	235.00	3/29/2012	114.00	121.00		126.80	127.50		-5.80	-6.50
Lonoke	03N08W29BBB1	345147.1	915332.81	249.00	3/22/2012	113.58	135.42			140.05			-4.63
Lonoke	03N08W29BCC1	345125.01	915333.4	250.00	3/22/2012	124.16	125.84			127.75			-1.91
Lonoke	03N08W32ABB1	345057	915257	250.00	4/19/2012	120.78	129.22		130.15	134.90		-0.93	-5.68
Lonoke	04N08W16DCC1	345757.26	915154.02	225.00	3/22/2012	47.80	177.20			180.42			-3.22

Alluvial Aquifer

02-07-11-12 WL Change

County	Station ID	Latitude	Longitude	LSA	Date Measured	2012 Meas.	WL Alt. 12	WL Alt. 11	WL Alt. 07	WL Alt. 02	11-12 Change	07-12 Change	02-12 Change
Lonoke	04N08W19BBB1	345753.4	915431.8	300.00	3/22/2012	2.10	297.90			294.73			3.17
Lonoke	04N08W28CAC1	345620.27	915215.78	235.00	3/22/2012	56.79	178.21			184.12			-5.91
Lonoke	04N08W28CCC1	345614.57	915225.31	240.00	3/22/2012	62.58	177.42			183.47			-6.05
Lonoke	04N08W33ABD1	345558.6	915141.3	258.00	3/22/2012	90.43	167.57						
Lonoke	04N08W33ACD1	345546.9	915140.9	256.00	3/22/2012	94.18	161.82						
Lonoke	04N08W33ADB1	345552.6	915125	257.00	3/22/2012	106.31	150.69						
Lonoke	04N08W33ADD1	345546.3	915125.5	265.00	3/22/2012	103.06	161.94						
Lonoke	04N08W36DBB1	345540.53	914914.42	259.00	3/22/2012	95.06	163.94			171.07			-7.13
Lonoke	01S09W02DDD1	343857	915624	230.00	3/29/2012	83.00	147.00		144.50	141.50		2.50	5.50
								Declines/Wells:			**15/18**	**15/23**	**36/41**
								Average Change:			**-1.00**	**-1.09**	**-5.99**
Mississippi	10N09E08ACC1	352949.05	900925.66	230.00	4/12/2012	15.04	214.96	216.2	213.10	215.36	-1.24	1.86	-0.40
Mississippi	11N09E34BBB1	353217.73	900715.17	235.00	4/12/2012	16.99	218.01	220.9	217.00	217.88	-2.89	1.01	0.13
Mississippi	12N08E08BCB1	354047.06	901559.25	225.00	4/12/2012	9.64	215.36	215.4	216.40	218.56	-0.04	-1.04	-3.20
Mississippi	13N09E30CCD1	354247.81	901028.63	230.00	4/12/2012	12.83	217.17	218.7	219.80	223.09	-1.53	-2.63	-5.92
Mississippi	14N10E18ABC1	355022.36	900345.36	236.00	4/12/2012	12.96	223.04	222.9	223.70	226.75	0.14	-0.66	-3.71
Mississippi	10N08E22ABA2	352850.89	901312.16	224.00	4/12/2012	26.42	197.58		199.80	200.80		-2.22	-3.22
Mississippi	14N08E12DAB1	355104.17	901051.17	235.00	4/12/2012	6.12	228.88		228.60	231.15		0.28	-2.27
Mississippi	15N08E08DBC2	355604.96	901526.26	236.00	4/12/2012	11.24	224.76		225.50	228.13		-0.74	-3.37
Mississippi	16N10E28BBD1	355906.13	900156.03	238.00	4/12/2012	12.78	225.22		228.00	230.00		-2.78	-4.78
Mississippi	16N11E23ADA1	355947.24	895231.23	255.00	4/12/2012	13.57	241.43		242.00	244.90		-0.57	-3.47
								Declines/Wells:			**3/5**	**7/10**	**9/10**
								Average Change:			**-1.11**	**-0.75**	**-3.02**
Monroe	01N01W15DBC1	344139	910542	185.00	3/29/2012	52.68	132.32	133.31		185.00	-0.99		-52.68
Monroe	01N03W24BBB1	344135.21	911650.59	185.00	3/29/2012	26.08	158.92	159.37		153.89	-0.45		5.03
Monroe	01N04W33BBB2	343959.52	912648.52	218.00	3/29/2012	104.94	113.06	117.15		124.18	-4.09		-11.12
Monroe	01S01W13CDD1	343610.94	910340.54	178.00	3/29/2012	21.33	156.67	155.75		157.92	0.92		-1.25
Monroe	01S01W18DCD1	343617.76	910849.2	178.00	3/29/2012	23.96	154.04	154.75		154.75	-0.71		-0.71

Alluvial Aquifer

02-07-11-12 WL Change

County	Station ID	Latitude	Longitude	LSA	Date Measured	2012 Meas.	WL Alt. 12	WL Alt. 11	WL Alt. 07	WL Alt. 02	11-12 Change	07-12 Change	02-12 Change
Monroe	01S02W20BBB1	343612.7	911456.1	170.00	3/29/2012	9.68	160.32	157.88		159.00	2.44		1.32
Monroe	01S04W01BAB1	343905.86	912316.73	210.00	3/29/2012	74.73	135.27	135.12		133.09	0.15		2.18
Monroe	02N01W19BBA1	344645.21	910912.46	191.00	3/29/2012	56.34	134.66	136.09		139.85	-1.43		-5.19
Monroe	03N02W31ADC1	344958.3	911447.2	190.00	3/29/2012	38.27	151.73	151.5		152.10	0.23		-0.37
Monroe	03N03W36AAA1	345026.65	911547.12	176.00	3/29/2012	18.98	157.02	154.65		157.09	2.37		-0.07
Monroe	04N02W27CDD3	345540.22	911149.73	200.00	3/29/2012	45.61	154.39	154.65		154.85	-0.26		-0.46
Monroe	04N02W28DDD3	345535.05	911220.68	192.00	3/29/2012	32.87	159.13	159.15		159.18	-0.02		-0.05
Monroe	01N02W12CBC1	344212.3	911031.9	182.00	3/29/2012	42.76	139.24		141.82			-2.58	
Monroe	01N03W23BAC1	344124	911743	170.00	4/24/2012	9.50	160.50		155.00	157.00		5.50	3.50
Monroe	01S01W16DB	343615	910632	175.00	4/24/2012	19.00	156.00		156.00	158.50		0.00	-2.50
Monroe	01S03W20BBA1	343538.29	912117.73	210.00	4/24/2012	69.00	141.00			131.50			9.50
Monroe	02N01W19ADD1	344624	910814	188.00	4/24/2012	55.00	133.00		135.50	140.00		-2.50	-7.00
Monroe	02N03W35BCA1	344455	911745	188.00	4/24/2012	27.00	161.00		158.00	159.00		3.00	2.00
Monroe	02S01W01BCD1	343305	910408	176.00	4/24/2012	17.00	159.00		157.00	156.00		2.00	3.00
Monroe	02S02W11DAC1	343208.97	911100.58	164.00	3/28/2012	6.80	157.20		154.50	157.47		2.70	-0.27
Monroe	03N01W06DBA1	345411	910822	191.00	3/29/2012	45.81	145.19						
Monroe	03N01W20ABA1	345201.18	910722.83	189.00	3/29/2012	50.06	138.94		140.90	142.72		-1.96	-3.78
Monroe	04N02W01BCC1	345929	911004	175.00	4/24/2012	39.50	135.50		136.00	138.00		-0.50	-2.50
Monroe	04N02W05BBB1	345957	911311	188.00	4/24/2012	15.00	173.00		173.00	175.00		0.00	-2.00
Monroe	04N02W30BBB1	345627.88	911524.71	185.16	3/29/2012	12.76	172.40			170.26			2.14
									Declines/Wells:		**7/12**	**7/13**	**15/23**
									Average Change:		**-0.15**	**0.57**	**-2.66**
Phillips	01S02E09CBB1	343718.73	905434.06	185.00	3/13/2012	14.00	171.00	168	169.90	175.51	3.00	1.10	-4.51
Phillips	02S01E28CCB1	342916.37	910058.18	174.00	3/28/2012	17.37	156.63	155.9	155.20	155.63	0.73	1.43	1.00
Phillips	02S04E27AAC1	342931.57	904001.09	179.00	3/14/2012	8.50	170.50	169.2	168.80	171.00	1.30	1.70	-0.50
Phillips	03S03E04DAA1	342735	904710	171.00	3/28/2012	19.53	151.47	150.6	150.75		0.87	0.72	
Phillips	03S04E02CAA1	342732	903918	176.00	3/14/2012	11.50	164.50	161	159.45	165.00	3.50	5.05	-0.50
Phillips	04S01E23CCA1	341931.3	905852.62	156.00	3/28/2012	13.11	142.89	143.28	141.30	142.55	-0.39	1.59	0.34
Phillips	01S03E10ABB	342846	904634	205	3/13/2012	22.00	183.00	180	184.50	192.00	3.00	-1.50	-9.00
Phillips	01S03E2ADD	343814	904732	200	3/13/2012	19.00	181.00	179.4	181.50	185.30	1.60	-0.50	-4.30

Alluvial Aquifer

02-07-11-12 WL Change

County	Station ID	Latitude	Longitude	LSA	Date Measured	2012 Meas.	WL Alt. 12	WL Alt. 11	WL Alt. 07	WL Alt. 02	11-12 Change	07-12 Change	02-12 Change
Phillips	01S04E5DCD	343802	904151	230	3/13/2012	48.50	181.50	178.4	180.00	187.00	3.10	1.50	-5.50
Phillips	01S01E20DDB	345968	9101553	185	3/12/2012	27.00	158.00	156	158.00	168.20	2.00	0.00	-10.20
Phillips	02S02E33ACC	342824	905412	177	3/13/2012	25.00	152.00	147	150.50	154.30	5.00	1.50	-2.30
Phillips	02S02E29DDD	342901	905444	180	3/13/2012	27.00	153.00	151	151.50	156.50	2.00	1.50	-3.50
Phillips	02S03E34BCD	342828	904653	165	3/15/2012	19.00	146.00	146	145.00	146.60	0.00	1.00	-0.60
Phillips	04S01E1AAD	342238	905700	156	3/13/2012	14.00	142.00	141	137.00	139.00	1.00	5.00	3.00
Phillips	01S02E32BCC1	343350	905526	200	3/12/2012	50.80	149.20			168.40			-19.20
Phillips	02S03E15ACD1	343109.96	904621.48	174	4/24/2012	13.22	160.78			162.51			-1.73
Phillips	04S01E14CDD1	342014	905837	155	3/13/2012	13.00	142.00		140.00	142.90		2.00	-0.90
Phillips	04S01E29CDC1	341844	910148	150	3/13/2012	8.50	141.50		141.00	137.80		0.50	3.70
Phillips	05S02E18BDA1	341534.75	905627.82	156	3/28/2012	15.32	140.68			138.53			2.15
									Declines/Wells:		**1/14**	**2/16**	**13/18**
									Average Change:		**1.91**	**1.41**	**-2.92**
Poinsett	10N01E14CC1	352909.77	905813.38	231.00	4/26/2012	98.84	132.16	134.73	137.50	143.52	-2.57	-5.34	-11.36
Poinsett	10N01E16CCB1	352921.87	910005.35	225.00	4/26/2012	80.99	144.01	146.8	149.80	154.18	-2.79	-5.79	-10.17
Poinsett	10N02E13BCC1	352948.52	905026.29	237.00	4/26/2012	109.33	127.67	131.4	132.90	137.79	-3.73	-5.23	-10.12
Poinsett	10N02E34BBB1	352726	905231	236.00	5/1/2012	104.57	131.43	134.67			-3.24		
Poinsett	10N03E14DAB1	352947.21	904404.93	263.00	5/1/2012	121.34	141.66	143.9	144.00	148.38	-2.24	-2.34	-6.72
Poinsett	11N01E17DDD1	353436.83	910013.21	230.00	4/26/2012	83.30	146.70	147.9		155.40	-1.20		-8.70
Poinsett	11N02E26AAB1	353350.31	905034.19	241.00	4/26/2012	125.01	115.99		126.60			-10.61	
Poinsett	11N03E10DDA1	353545.69	904456.54	243.00	5/1/2012	109.35	133.65	135	137.65	141.00	-1.35	-4.00	-7.35
Poinsett	11N07E18CAB1	353435	902320	217.00	4/12/2012	15.99	201.01	203.15	203.00	202.66	-2.14	-1.99	-1.65
Poinsett	12N01E07CDA1	354053.69	910141.25	236.00	5/1/2012	53.91	182.09	179.85	175.20	183.50	2.24	6.89	-1.41
Poinsett	12N02E26DAD1	353831	905024	245.00	8/3/2012	117.50	127.50	131.02	135.15		-3.52	-7.65	
Poinsett	12N07E04BAA1	354201.95	902059.69	223.00	4/12/2012	7.16	215.84	218.14	215.90	218.76	-2.30	-0.06	-2.92
Poinsett	12N07E25DC1	353740	901802	226.00	4/12/2012	17.11	208.89	209.1	209.38		-0.21	-0.49	
Poinsett	11N06E34BBC1	353224	902646	211.00	3/14/2012	12.36	198.64	199			-0.36		
Poinsett	10N03E35CDD1	352651	90443701	275.00	5/1/2012	127.54	147.46	148.9		153.33	-1.44		-5.87
Poinsett	11N01E26AA1	353338	905654	236	4/26/2012	100.92	135.08	137.8		143.97	-2.72		-8.89
Poinsett	10N01E02AAA	353205	905654	235	3/20/2012	103.00	132.00		136.50	142.00		-4.50	-10.00

Alluvial Aquifer

02-07-11-12 WL Change

County	Station ID	Latitude	Longitude	LSA	Date Measured	2012 Meas.	WL Alt. 12	WL Alt. 11	WL Alt. 07	WL Alt. 02	11-12 Change	07-12 Change	02-12 Change
Poinsett	10N01E32CBB1	352657	910053	222	3/20/2012	82.00	140.00		146.00	172.00		-6.00	-32.00
Poinsett	10N01E33ACB1	352746	905931	220	3/20/2012	99.00	121.00		140.50	146.00		-19.50	-25.00
Poinsett	10N02E15CAA1	352940	905209	237	3/20/2012	112.00	125.00		132.00			-7.00	
Poinsett	10N02E20BAB1	352906	905418	237	3/20/2012	111.00	126.00			138.00			-12.00
Poinsett	10N03E13BCB1	352958	904352	270	3/20/2012	144.00	126.00		140.00			-14.00	
Poinsett	10N03E19BCB1	352905	904907	239	3/20/2012	110.00	129.00		139.00			-10.00	
Poinsett	10N03E26BBD1	352816	904449	257	3/20/2012	120.00	137.00		142.00			-5.00	
Poinsett	10N04E35BBA1	352745	903831	215	3/19/2012	15.00	200.00		197.00	195.00		3.00	5.00
Poinsett	10N0515BDD1	352937.32	903252.64	207	4/12/2012	12.84	194.16			195.55			-1.39
Poinsett	10N07E28CBB1	352733	902128	215	3/20/2012	30.00	185.00		185.00			0.00	
Poinsett	11N01E17DDC1	353437	910015	230	3/20/2012	88.00	142.00		150.70	154.00		-8.70	-12.00
Poinsett	11N01E34AAA	353256	905759	229	3/20/2012	94.00	135.00		140.00	145.00		-5.00	-10.00
Poinsett	11N02E30BBB1	353352	905540	239	3/20/2012	108.00	131.00		136.00	141.00		-5.00	-10.00
Poinsett	11N02E34CBA1	353238	905222	240	3/20/2012	112.00	128.00		129.00	146.00		-1.00	-18.00
Poinsett	11N03E17AAB1	353535	904714	242	3/20/2012	129.00	113.00						
Poinsett	11N03E18BAB1	353537.76	904852.42	243	5/1/2012	113.19	129.81			141.50			-11.69
Poinsett	11N04E13DDA1	353450	903631	210	3/19/2012	15.50	194.50		194.00			0.50	
Poinsett	11N04E36ABA1	353251	903654	211	3/19/2012	17.00	194.00		193.00	192.00		1.00	2.00
Poinsett	11N05E26BDB1	353318	903213	213	3/20/2012	13.50	199.50		203.00			-3.50	
Poinsett	11N07E28CBB1	353252	902120	218	3/20/2012	23.50	194.50		194.50			0.00	
Poinsett	12N01E22DAB1	353922	905809	235	3/20/2012	81.00	154.00		159.00	163.00		-5.00	-9.00
Poinsett	12N02E25DCC1	353820	904944	245	3/20/2012	123.00	122.00		131.00	137.00		-9.00	-15.00
Poinsett	12N02E34CCC1	353724	905230	245	3/20/2012	122.00	123.00			136.00			-13.00
Poinsett	12N03E01CBD1	354154	904329	250	3/20/2012	102.00	148.00		155.00	159.00		-7.00	-11.00
Poinsett	12N03E04DAD1	354158.01	904600.16	247	3/20/2012	113.00	134.00			146.19			-12.19
Poinsett	12N03E35AD1	353745	904353	245	3/20/2012	106.00	139.00		141.00			-2.00	
Poinsett	12N03E36ACB1	354053	904112	250	3/20/2012	104.22	145.78		145.60	154.34		0.18	-8.56
Poinsett	12N04E08CDA	354053	904112	250	3/20/2012	94.50	155.50		160.00	164.00		-4.50	-8.50
Poinsett	12N05E16ABA1	354039	903333	221	3/20/2012	14.00	207.00		209.50	211.00		-2.50	-4.00
Poinsett	12N05E34ABA1	353805.38	903230.45	215	4/12/2012	9.40	205.60		205.80	205.50		-0.20	0.10
Poinsett	12N07E10CBB1	354042	902022	228	3/20/2012	10.00	218.00		217.00			1.00	

Alluvial Aquifer
02-07-11-12 WL Change

County	Station ID	Latitude	Longitude	LSA	Date Measured	2012 Meas.	WL Alt. 12	WL Alt. 11	WL Alt. 07	WL Alt. 02	11-12 Change	07-12 Change	02-12 Change
								Declines/Wells:			14/15	29/37	29/32
								Average Change:			-1.84	-4.06	-9.11
Prairie	01N06W05CCB1	344352.97	914049.08	220.00	3/26/2012	118.61	101.39	101.15	101.40	104.00	0.24	-0.01	-2.61
Prairie	01N06W26CDD1	344014.88	913707.61	218.00	3/26/2012	102.55	115.45	111.6	155.30	148.19	3.85	-39.85	-32.74
Prairie	01N06W29DDD1	344017.54	913951.46	223.00	3/26/2012	119.01	103.99	104.45	105.00		-0.46	-1.01	
Prairie	01S04W28BDB1	343522.68	912629.73	205.00	3/26/2012	98.09	106.91	107.1	107.00	121.83	-0.19	-0.09	-14.92
Prairie	01S05W31DDA1	343416	913431	206.00	3/26/2012	94.10	111.90			110.66			1.24
Prairie	01S06W12BAB1	343826	913613	228.00	3/26/2012	118.82	109.18	109	108.64		0.18	0.54	
Prairie	02N04W32CCB1	344436.43	912737.79	221.00	3/26/2012	83.36	137.64	137.55	135.40	136.92	0.09	2.24	0.72
Prairie	02N05W24BCA3	344659	912937	225.00	4/10/2012	90.19	134.81	134.18	135.30		0.63	-0.49	
Prairie	02N05W29DDB2	344544	913308	228.00	3/26/2012	121.52	106.48	106.65	104.50	111.11	-0.17	1.98	-4.63
Prairie	02N06W17ABB1	344809.48	913959.44	235.00	3/26/2012	127.03	107.97	110.3	109.40	112.82	-2.33	-1.43	-4.85
Prairie	02S06W14BBB1	343213.38	913728.62	201.00	3/26/2012	77.59	123.41	123.3	126.40	125.35	0.11	-2.99	-1.94
Prairie	02N06W24CAA1	344651	913551	233.00	3/26/2012	118.31	114.69	115.08	114.40		-0.39	0.29	
Prairie	03N05W03BDD2	345444.06	913115.35	207.00	3/27/2012	63.02	143.98	142.9	142.20	142.88	1.08	1.78	1.10
Prairie	04N04W07ADC1	345850.31	912733.07	195.00	3/27/2012	20.24	174.76	170.2	172.00	170.48	4.56	2.76	4.28
Prairie	04N05W07CDC1	345042.62	913440.92	212.00	3/27/2012	79.42	132.58	134.4	132.80	137.67	-1.82	-0.22	-5.09
Prairie	04N05W31DDC1	345513.7	913405.8	206.00	3/27/2012	79.40	126.60	127.62		130.82	-1.02		-4.22
Prairie	04N06W05CCC1	345933.76	914017.96	206.00	3/27/2012	61.81	144.19	144.8	144.50	144.98	-0.61	-0.31	-0.79
Prairie	04N07W03DCB1	345942.1	914412.48	255.00	3/27/2012	88.59	166.41	168.8	167.30	169.07	-2.39	-0.89	-2.66
Prairie	04N07W28BBA1	345700.53	914544.88	258.00	3/27/2012	97.90	160.10	160.4	161.80	164.92	-0.30	-1.70	-4.82
Prairie	02N06W22BCC1	344653	913827	234.00	4/19/2012	114.68	119.32	119.24			0.08		
Prairie	01S05W14BBC1	343721.96	913108.76	211.00	3/26/2012	108.64	102.36			102.86			-0.50
Prairie	02N04W02BCB1	344916.31	912418.61	188.00	3/27/2012	15.67	172.33		167.60	167.35		4.73	4.98
Prairie	02N05W13AAB1	344805.45	912854.34	223.00	3/26/2012	54.94	168.06		147.80	146.80		20.26	21.26
Prairie	02N05W13AAB2	344805.3	912852.8	221.00	3/26/2012	76.64	144.36						
Prairie	03N04W03AAC1	345439.23	912424.37	187.00	3/27/2012	9.29	177.71		164.45	161.08		13.26	16.63
Prairie	03N06W01BCB1	345454.54	913601.39	216.00	3/27/2012	85.13	130.87		137.80	138.61		-6.93	-7.74
Prairie	04N07W20DDB1	345709.23	914607.27	255.00	3/22/2012	102.87	152.13			151.89			0.24
								Declines/Wells:			10/19	12/21	13/21
								Average Change:			0.06	-0.38	-1.76

Alluvial Aquifer

02-07-11-12 WL Change

County	Station ID	Latitude	Longitude	LSA	Date Measured	2012 Meas.	WL Alt. 12	WL Alt. 11	WL Alt. 07	WL Alt. 02	11-12 Change	07-12 Change	02-12 Change
Pulaski	01S10W29CC1	343537.78	920707.66	239.00	3/19/2012	13.26	225.74		221.95	221.87		3.79	3.87
Pulaski	02S10W14DC1	343204.71	920333.75	225.00	3/19/2012	23.80	201.20		202.70	199.03		-1.50	2.17
Pulaski	02S10W16CCA1	343216.99	920549.36	230.76	3/19/2012	23.35	207.41		210.41	208.78		-3.00	-1.37
								Declines/Wells:				**2/3**	**1/3**
								Average Change:				**-0.24**	**1.56**
Randolph	18N02E22DCD1	361045.76	905104.7	273.00	4/11/2012	40.53	232.47	232.4	234.90	236.66	0.07	-2.43	-4.19
Randolph	19N02E09DCA1	361759	905158	267.00	4/11/2012	11.24	255.76	258.4	259.00		-2.64	-3.24	255.76
Randolph	20N02E01ADD1	362424.2	904811.4	280.00	4/11/2012	10.85	269.15	264.4		270.56	4.75		-1.41
Randolph	20N03E28BA1	362113.53	904537.97	276.00	4/11/2012	10.64	265.36	262.5	265.30	264.25	2.86	0.06	1.11
Randolph	18N01E11CCC1	361233	905712	263.00	3/14/2012	13.00	250.00						
Randolph	18N01E16ABA1	361229	905847	261.00	3/14/2012	13.00	248.00						
Randolph	18N01E21CD1	361054	905852	262.00	3/14/2012	15.50	246.50						
Randolph	18N01E34AAC1	360942.69	905729.13	266.00	4/11/2012	16.16	249.84		248.60	249.37		1.24	0.47
Randolph	18N02E02CBC1	361344	905035	278.00	3/14/2012	30.20	247.80						
Randolph	18N02E17CBB1	361204	905356	265.00	3/14/2012	14.80	250.20		245.50	248.90		4.70	1.30
Randolph	18N02E27BA1	361044	905120	271.00	3/14/2012	40.00	231.00						
Randolph	19N02E20DAA1	361622	905253	266.00	3/14/2012	10.00	256.00						
Randolph	19N02E22CAB1	361622	905049	266.00	3/14/2012	3.50	262.50		250.00	265.70		12.50	-3.20
Randolph	20N02E01DDB1	362416	904836	280.00	3/14/2012	11.50	268.50						
Randolph	20N02E28DAD1	362049	905142	267.00	3/14/2012	6.80	260.20						
Randolph	20N03E07DAA1	362323	904708	280.00	3/14/2012	14.50	265.50						
Randolph	20N03E30DDA1	362030	904717	266.00	3/14/2012	12.00	254.00						
								Declines/Wells:			**1/4**	**2/6**	**3/6**
								Average Change:			**1.26**	**2.14**	**35.69**
St. Francis	04N01W17CBC1	345735	910801	208.00	4/4/2012	61.91	146.09	146.94	148.18		-0.85	-2.09	
St. Francis	04N01W28CDD1	345535.26	910633.55	208.00	4/4/2012	73.83	134.17	134.35	135.90	140.00	-0.18	-1.73	-5.83
St. Francis	04N02E19BBB1	345701	905633	209.00	4/3/2012	63.23	145.77	146.38	148.00	152.92	-0.61	-2.23	-7.15
St. Francis	05N01E15BCB1	350302.57	905942.41	209.00	4/4/2012	70.12	138.88	140.3	142.60	147.66	-1.42	-3.72	-8.78

Alluvial Aquifer

02-07-11-12 WL Change

County	Station ID	Latitude	Longitude	LSA	Date Measured	2012 Meas.	WL Alt. 12	WL Alt. 11	WL Alt. 07	WL Alt. 02	11-12 Change	07-12 Change	02-12 Change
St. Francis	05N01E27BBA1	350135.73	905928.78	209.00	4/4/2012	72.10	136.90	138	140.20	145.37	-1.10	-3.30	-8.47
St. Francis	05N02E20ADC1	350156.9	905437.16	211.00	4/3/2012	58.55	152.45	152.95	155.30	157.43	-0.50	-2.85	-4.98
St. Francis	05N05E19DCA1	350128	903629	203.00	4/3/2012	30.57	172.43	170.6	170.64	168.77	1.83	1.79	3.66
St. Francis	05N06E34CAB1	350025.57	902656.87	200.00	4/3/2012	24.99	175.01	173.85	171.90	171.95	1.16	3.11	3.06
St. Francis	06N01E33ACA2	350552.33	905941.6	211.00	4/4/2012	71.48	139.52	149.25	143.90	146.58	-9.73	-4.38	-7.06
St. Francis	06N02E13DCA1	350812.64	905002.71	231.00	4/3/2012	78.90	152.10	149.7	149.50	157.89	2.40	2.60	-5.79
St. Francis	06N02E15BDD1	350841.91	905247.31	214.64	4/3/2012	63.95	150.69	150.94	153.34	162.41	-0.25	-2.65	-11.72
St. Francis	04N03E21DAD1	345623.05	904655.33	236.00	4/3/2012	62.51	173.49			176.77			-3.28
St. Francis	05N03E20AAA2	350214.31	904800.83	250.00	4/3/2012	91.88	158.12		156.13	145.45		1.99	12.67
St. Francis	06N02E24AAA1	350755.19	905002.42	232.00	4/3/2012	76.69	155.31		158.00	161.74		-2.69	-6.43
St. Francis	06N05E22ACC1	350723.36	903252.21	200.00	4/3/2012	40.16	159.84			153.30			6.54
St. Francis	06N06E20ABB2	350747.06	902841.2	200.00	4/3/2012	37.51	162.49		163.70	166.00		-1.21	-3.51
								Declines/Wells:			**8/11**	**10/14**	**11/15**
								Average Change:			**-0.84**	**-1.24**	**-3.14**
White	05N07W09AAA1	350446.87	914441.48	205.00	3/30/2012	11.13	193.87	192.45	189.90	185.90	1.42	3.97	7.97
White	05N07W10CCC1	350400.22	914436	203.00	3/30/2012	8.28	194.72	193.65	193.70	195.32	1.07	1.02	-0.60
White	06N06W04BAA1	351047.21	913909.91	220.00	3/30/2012	16.37	203.63	198			5.63		
White	06N06W18BBC1	350851.33	914151.92	210.00	3/30/2012	10.56	199.44	196.4	193.40	191.00	3.04	6.04	8.44
White	06N06W34AAB1	350623.57	913753.55	213.00	3/30/2012	60.50	152.50	151.8	151.75	153.14	0.70	0.75	-0.64
White	06N07W17DCC1	350822.47	914634.73	217.00	3/30/2012	10.30	206.70	202.3	204.30	203.06	4.40	2.40	3.64
White	06N08W26DDB1	350639	914931	230.00	3/30/2012	10.59	219.41	219.25	213.45	217.38	0.16	5.96	2.03
White	07N05W01AAA1	351552	912858	205.00	3/30/2012	12.81	192.19	192.75	199.60	190.00	-0.56	-7.41	2.19
White	07N05W32BAB1	351136.63	913406.19	213.70	3/30/2012	24.58	189.12	184.6	185.60	185.94	4.52	3.52	3.18
White	08N04W06CCB1	352028.21	912846.51	214.00	3/30/2012	13.32	200.68	201.45	197.90	197.98	-0.77	2.78	2.70
White	08N05W32CBC1	351615.66	913416.96	199.00	3/30/2012	0.49	198.51	196	196.40	198.40	2.51	2.11	0.11
White	06N08W13ABA1	350907	914826	228.00	3/30/2012	6.88	221.12	216.6	217.80	219.80	4.52	3.32	1.32
White	06N06W13DBB1	350918	913552	213.00	4/25/2012	74.50	138.50						
White	06N06W18BCA1	350835	914150	210.00	4/25/2012	13.50	196.50		191.80	188.50		4.70	8.00
								Declines/Wells:					
								Average Change:			**2.22**	**2.43**	**3.20**

Alluvial Aquifer

02-07-11-12 WL Change

County	Station ID	Latitude	Longitude	LSA	Date Measured	2012 Meas.	WL Alt. 12	WL Alt. 11	WL Alt. 07	WL Alt. 02	11-12 Change	07-12 Change	02-12 Change
Woodruff	04N03W03AB1	350020.93	911819.87	185.00	4/4/2012	11.36	173.64	172.05	171.60	172.87	1.59	2.04	0.77
Woodruff	05N02W20DCB1	350207.8	911356.2	192.00	4/4/2012	12.88	179.12	177.9		178.83	1.22		0.29
Woodruff	05N04W12DBA1	350426.8	912210.8	186.00	4/4/2012	4.35	181.65	181.8		182.89	-0.15		-1.24
Woodruff	06N03W15BAB1	350903.06	911807.41	188.79	4/4/2012	4.54	184.25	183.09	184.19	184.41	1.16	0.06	-0.16
Woodruff	06N03W31BCB1	350623	912144	185.00	4/4/2012	2.73	182.27	180.75	181.30	184.02	1.52	0.97	-1.75
Woodruff	08N01W06DDD1	352028	910747	218.00	4/5/2012	43.49	174.51	169.8	171.70	176.10	4.71	2.81	-1.59
Woodruff	08N02W31DDD1	351611	911411	194.55	4/4/2012	4.63	189.92	189.75	190.75	192.04	0.17	-0.83	-2.12
Woodruff	08N03W04BBB1	352128	911919	221.00	4/5/2012	13.58	207.42	205.31	201.70		2.11	5.72	
Woodruff	08N03W31AAD1	351655	912028	212.00	4/5/2012	18.82	193.18	193.05	189.00	187.71	0.13	4.18	5.47
Woodruff	09N03W29AAD1	352258	911921	220.00	4/5/2012	17.93	202.07	199.4	197.30	198.58	2.67	4.77	3.49
Woodruff	05N01W13DCC1	350242	910311	211.00	4/10/2012	79.00	132.00	132.74	133.20		-0.74	-1.20	
Woodruff	05N01W31CCC1	350106	910900	210.00	4/10/2012	62.00	148.00			152.70			-4.70
Woodruff	05N03W25DDB1	350133	911531	190.00	4/10/2012	11.70	178.30		177.10	177.30		1.20	1.00
Woodruff	06N01W06BAB1	351048.27	910834.63	202.00	4/5/2012	33.21	168.79			169.20			-0.41
Woodruff	06N01W11AAB1	350944	910354	215.00	4/4/2012	64.92	150.08		151.90			-1.82	
Woodruff	06N01W27BCC1	350641	910544	202.00	4/4/2012	54.67	147.33						
Woodruff	06N01W28DAD1	350629	910548.9	201.00	4/4/2012	55.58	145.42						
Woodruff	06N04W22BDA1	350807	912428	186.00	4/10/2012	2.00	184.00			186.00			-2.00
Woodruff	07N01W04ABB1	35155.4	910607.2	226.00	4/4/2012	61.44	164.56						
Woodruff	07N01W04ACB1	351541	910626	225.00	4/10/2012	71.50	153.50		162.10	165.00		-8.60	-11.50
Woodruff	07N03W19AAA1	351335	912025.42	202.59	4/5/2012	8.49	194.10						
Woodruff	07N03W31BBA1	351152	912103	190.00	4/10/2012	8.00	182.00		184.60	180.60		-2.60	1.40
Woodruff	08N02W27DDB1	351711	911107	213.00	4/10/2012	26.00	187.00		185.60	186.00		1.40	1.00
Woodruff	09N03W28ABB1	352310	911845	220.00	4/10/2012	15.00	205.00			200.10			4.90
Woodruff	09N03W32ACA1	352205	911936	217.00	4/10/2012	15.00	202.00		196.70	198.00		5.30	4.00
									Declines/Wells:		**2/11**	**5/15**	**9/18**
									Average Change:		**1.31**	**0.89**	**-0.17**
									Totals:		**154/291**	**251/418**	**348/456**
											0.09	**-1.07**	**-3.14**
											52.9%	**60.0%**	**76.3%**

Sparta/ Memphis Sand Aquifer
2012, 2011, 2007, 2002
Water Level Change

County	Station	Latitude	Longitude	LSA	Date Meas.	2012 Meas	WL Alt.12	WL Alt.11	WL Alt.07	WL Alt.02	11-12 Change	07-12 Change	02-12 Change
Arkansas	02S04W06CDB1	343311.54	912849.29	212.00	3/13/2012	160.00	52.00	38.87	52.76	44.80	13.13	-0.76	7.20
Arkansas	02S04W23DAA1	343044.22	912354.53	208.00	3/21/2012	163.50	44.50	64.33	63.09	53.00	-19.83	-18.59	-8.50
Arkansas	02S04W33BBB1	342922.14	912702.68	205.00	3/21/2012	177.80	27.20	38.81	36.22	36.50	-11.61	-9.02	-9.30
Arkansas	02S05W16CBC1	343143	913318	216.00	3/13/2012	174.28	41.72	38.62	43.05	37.10	3.10	-1.33	4.62
Arkansas	02S05W34BDA1	342924.58	913148.02	216.00	3/13/2012	185.27	30.73	29.55	35.87	29.10	1.18	-5.14	1.63
Arkansas	03S04W02CCB1	342747.58	912458.04	202.00	3/6/2012	154.94	47.06	50.05	48.60	42.50	-2.99	-1.54	4.56
Arkansas	03S05W13BDC1	342631.15	913004.57	210.00	3/20/2012	177.10	32.90	36.40	26.99	22.00	-3.50	5.91	10.90
Arkansas	03S05W15CBB1	342633.21	913229.33	206.00	3/20/2012	172.59	33.41	29.26	26.78	25.90	4.15	6.63	7.51
Arkansas	03S06W21ACB1	342554	913927	200.00	3/20/2012	161.80	38.20	42.19		50.00	-3.99		-11.80
Arkansas	03S06W30BBD1	342515.54	914216.15	191.00	3/20/2012	152.75	38.25	31.70	33.60	12.00	6.55	4.65	26.25
Arkansas	04S04W11BCC1	342156.96	912501.52	198.00	3/7/2012	155.74	42.26	36.45	42.90	38.00	5.81	-0.64	4.26
Arkansas	04S04W22DAA1	342006.89	912515.15	195.00	3/7/2012	162.22	32.78	41.34	35.52	34.50	-8.56	-2.74	-1.72
Arkansas	04S05W15AAA1	342132.16	913133.29	201.00	3/6/2012	168.20	32.80	36.56	33.45	28.80	-3.76	-0.65	4.00
Arkansas	04S05W36DCC1	341752.00	913003.63	196.00	3/6/2012	168.87	27.13	37.03	29.85	14.00	-9.90	-2.72	13.13
Arkansas	05S04W26ACA1	341358	912435	188.00	3/29/2012	136.47	51.53	51.42	47.94	42.00	0.11	3.59	9.53
Arkansas	05S05W26CDD1	341324	913119	188.00	3/29/2012	35.61	152.39	152.01	149.96	149.20	0.38	2.43	3.19
Arkansas	05S05W36DAA	341247	912946	180.00	3/29/2012	144.00	36.00	38.39	34.76	34.00	-2.39	1.24	2.00
Arkansas	06S03W27BAA1	340859.22	912008.98	181.00	3/29/2012	110.89	70.11	63.66	61.08	60.30	6.45	9.03	9.81
Arkansas	07S02W28ABA1	340339.67	911411.01	181.00	3/29/2012	105.00	76.00	78.87	74.92	75.90	-2.87	1.08	0.10
Arkansas	07S03W06ABC1	340701.89	912247.68	185.00	3/29/2012	136.68	48.32	55.47	54.72	53.60	-7.15	-6.40	-5.28
Arkansas	08S02W09BCC1	340031.06	911447.66	174.00	3/29/2012	100.20	73.80	76.21	73.08	74.00	-2.41	0.72	-0.20
Arkansas	03S03W18CCC2	342553	912251	196.00	3/6/2012	145.07	50.93	50.35	51.70		0.58	-0.77	
Arkansas	03S04W26CDA1	342416	912437	203.00	3/7/2012	163.00	40.00	60.48	55.48	33.80	-20.48	-15.48	6.20
Arkansas	03S04W33BAA1	342406.95	912639.02	201.00	3/7/2012	181.44	19.56						
Arkansas	04S04W19CBB1	342005	912926	195.00	3/6/2012	169.20	25.80	32.51	31.42		-6.71	-5.62	
Arkansas	06S02W06ABB1	341228	911622	181.00	3/29/2012	118.50	62.50	65.10	65.83	60.80	-2.60	-3.33	1.70
Arkansas	06S02W17ADA1	341023	911451	188.00	3/29/2012	114.40	73.60	77.50	72.89	73.30	-3.90	0.71	0.30
								Declines/ Wells:			**16/26**	**15/25**	**6/24**
								Average Change:			**-2.74**	**-1.55**	**3.34**

Sparta/ Memphis Sand Aquifer
2012, 2011, 2007, 2002
Water Level Change

County	Station	Latitude	Longitude	LSA	Date Meas.	2012 Meas	WL Alt.12	WL Alt.11	WL Alt.07	WL Alt.02	11-12 Change	07-12 Change	02-12 Change
Ashley	15S07W32CDD1	332117.77	915101.06	190.00	4/27/2012	139.09	50.91	51.59	41.75	55.80	-0.68	9.16	-4.89
Ashley	17S09W15ACC1	331333.66	920116.44	100.00	3/1/2012	22.95	77.05	77.17	82.41		-0.12	-5.36	
									Declines/ Wells:		**2/2**	**1/2**	**1/1**
									Average Change:		**-0.40**	**1.90**	
Bradley	12S09W31CCB1	333711.24	920444.21	231.00	4/30/2012	194.65	36.35	46.88	36.28	37.50	-10.53	0.07	-1.15
Bradley	13S09W06ACA1	333647	920437	208.00	1/18/2012	161.20	46.80	39.76			7.04		
Bradley	16S12W21CAA1	331839	922052	100.00	1/18/2012	79.40	20.60	21.64	20.98		-1.04	-0.38	
Bradley	15S11W31DDD1	332142	921621	131.00	2/27/2012	101.55	29.45	28.60			0.85		
									Declines/ Wells:		**3/4**	**1/2**	**1/1**
									Average Change:		**-0.92**	**-0.16**	
Calhoun	13S13W32CDA1	333226.81	922741.66	208.00	1/19/2012	168.60	39.40	32.50	13.17	33.70	6.90	26.23	5.70
Calhoun	14S13W12CCB1	333040.05	922403.54	205.00	1/19/2012	172.34	32.66	39.82	33.40	32.80	-7.16	-0.74	-0.14
Calhoun	11S14W12CAC3	334630	922927	313.00	1/13/2012	136.50	176.50	164.18	175.00	167.00	12.32	1.50	9.50
Calhoun	13S12W31DAA1	333233	922225	200.00	3/13/2012	56.20	143.80			141.80			2.00
Calhoun	14S15W16BAA1	333055.22	923912.24	146.00	3/13/2012	93.49	52.51			49.00			3.51
Calhoun	15S13W20BDC1	332410.97	922806.59	115.00	4/24/2012	22.90	92.10			71.40			20.70
Calhoun	15S13W32BCA1	332230	922821	115.00	1/13/2012	115.90	-0.90			-3.00			2.10
									Declines/ Wells:		**1/3**	**1/3**	**1/7**
									Average Change:		**4.02**	**9.00**	**6.20**
Chicot	13S01W19CAA1	333301	911419	131.00	4/27/2012	80.50	50.50			52.10			-1.60
Columbia	15S20W20CCB1	332453.37	931215.01	372.00	2/27/2012	216.76	155.24	156.30	155.66	151.50	-1.06	-0.42	3.74
Columbia	16S20W08DCC1	332114.08	931141.34	402.00	3/20/2012	317.39	84.61	86.97	138.18		-2.36	-53.57	
Columbia	16S20W18ACD1	332052.93	931237.4	402.00	3/20/2012	261.37	140.63		138.18			2.45	
Columbia	16S21W14CBB1	332049	931516	281.00	2/22/2012	192.12	88.88	80.96		92.70	7.92		-3.82

Sparta/ Memphis Sand Aquifer
2012, 2011, 2007, 2002
Water Level Change

County	Station	Latitude	Longitude	LSA	Date Meas.	2012 Meas	WL Alt.12	WL Alt.11	WL Alt.07	WL Alt.02	11-12 Change	07-12 Change	02-12 Change
Columbia	16S21W20DAD1	331955.06	931736.47	350.00	3/27/2012	251.62	98.38	95.57	98.20		2.81	0.18	
Columbia	16S22W22CCD1	331947.61	932224.89	340.00	2/22/2012	132.65	207.35	207.03	197.21	200.80	0.32	10.14	6.55
Columbia	17S19W15ABD1	331537	930328	325.00	2/23/2012	268.40	56.60	47.69	49.27	67.20	8.91	7.33	-10.60
Columbia	17S19W17ACA1	331538.06	930536.26	303.00	2/23/2012	257.83	45.17	31.14	39.10		14.03	6.07	
Columbia	17S19W18CBD1	331516.81	930655.59	305.00	2/23/2012	261.80	43.20		42.10	28.80		1.10	14.40
Columbia	17S19W30ABB1	331406.12	930650.14	248.00	1/20/2012	213.40	34.60	32.48	31.93	28.50	2.12	2.67	6.10
Columbia	17S21W01BBC1	331743.07	931423.65	305.00	1/31/2012	250.30	54.70	54.63	20.85	46.00	0.07	33.85	8.70
Columbia	17S21W11DCC2	331608.55	931448.61	303.00	1/4/2012	271.96	31.04	31.03	26.89	18.20	0.01	4.15	12.84
Columbia	17S22W23BBB1	331519	932136	318.00	1/31/2012	148.97	169.03	169.20	189.90	174.10	-0.17	-20.87	-5.07
Columbia	18S20W06DDC1	331142	931248	300.00	2/22/2012	278.70	21.30	-3.58		1.00	24.88		20.30
Columbia	18S20W08CBC1	331114.79	931227.04	263.00	3/27/2012	266.75	-3.75	-9.20	-18.84	25.50	5.45	15.09	-29.25
Columbia	18S20W10CAA1	331054.37	931015.76	290.00	1/31/2012	262.77	27.23	18.85	18.80	14.50	8.38	8.43	12.73
Columbia	19S20W34BDD1	330239.09	931030.67	290.00	2/23/2012	206.00	84.00	81.50	89.00	74.00	2.50	-5.00	10.00
Columbia	19S21W16DBB1	330517.2	931724.2	284.00	2/9/2012	173.91	110.09	110.20	117.31	109.70	-0.11	-7.22	0.39
Columbia	19S23W10ABD1	330643.92	932833.33	242.00	1/31/2012	43.99	198.01	196.49	196.43		1.52	1.58	
Columbia	19S23W11CDA2	330609.39	932744.02	248.00	1/31/2012	33.60	214.40	196.75	194.93	195.80	17.65	19.47	18.60
Columbia	19S23W11DDB1	330604.93	932722.12	246.00	1/31/2012	52.38	193.62	190.95	192.18	193.10	2.67	1.44	0.52
Columbia	19S23W14BAB2	330555.24	932752.38	244.00	3/27/2012	44.45	199.55	198.98	191.42	194.60	0.57	8.13	4.95
Columbia	19S23W14BAB1	330554	932753	244.00	1/31/2012	44.75	199.25						
Columbia	20S22W03DCC1	330138.44	932236.27	214.00	2/9/2012	105.75	108.25	108.58	161.15		-0.33	-52.90	
Columbia	20S22W11ACD1	330109.20	932133.20	271.00	2/9/2012	107.65	163.35	163.90	162.96		-0.55	0.39	
Columbia	17S20W36ABC1	331306	930751	335.00	2/22/2012	325.25	9.75	42.46	42.34	37.50	-32.71	-32.59	-27.75
Columbia	17S21W08DCA1	331613	931758	298.00	1/31/2012	137.05	160.95	156.87	181.40	170.60	4.08	-20.45	-9.65
Columbia	17S21W17BAB1	331607	931818	311.00	1/31/2012	203.85	107.15	122.52	109.99	105.60	-15.37	-2.84	1.55
Columbia	17S22W21ABD1	331516	932303	242.00	1/31/2012	103.42	138.58	160.72	158.56	161.60	-22.14	-19.98	-23.02
Columbia	19S20W08DAB1	330558	931156	320.00	1/5/2012	272.39	47.61	45.38		63.20	2.23		-15.59
Columbia	18S22W27DDD1	330834.57	932158.59	312.00	3/27/2012	134.02	177.98		177.52	174.85		0.46	3.13
Columbia	17S22W22ABB1	331522.08	932210.07	318.00	1/31/2012	135.59	182.41		182.63	182.60		-0.22	-0.19
								Declines/ Wells:			**8/26**	**11/28**	**9/24**
								Average Change:			**1.16**	**-3.33**	**-0.02**

Sparta/ Memphis Sand Aquifer
2012, 2011, 2007, 2002
Water Level Change

County	Station	Latitude	Longitude	LSA	Date Meas.	2012 Meas	WL Alt.12	WL Alt.11	WL Alt.07	WL Alt.02	11-12 Change	07-12 Change	02-12 Change
Craighead	13N03E23CDD1	354404.17	904432.83	248.00	4/27/2012	94.50	153.50	154.84	159.24	162.20	-1.34	-5.74	-8.70
Crittenden	09N07E21BBB1	352341	902131	216.00	1/11/2012	25.61	190.39	190.88	191.13		-0.49	-0.74	
Crittenden	08N07E35BBC2	351630	901933	221.00	3/14/2012	34.05	186.95		185.98			0.97	
								Declines/ Wells:			**1/1**	**1/2**	
								Average Change:				**0.11**	
Cross	06N04E06ACA1	351004.29	904237.72	358.00	4/17/2012	206.00	152.00	155.17	151.66		-3.17	0.34	
Cross	07N03E17CAD1	351304	904822	245.00	4/19/2012	212.00	33.00						
Cross	08N02E18BDB1	351908	905538	228.00	4/12/2012	94.20	133.80	140.11		146.50	-6.31		-12.70
Cross	09N01E16CAC1	352405.00	905950.75	234.00	4/17/2012	95.74	138.26	139.20	141.91	147.90	-0.94	-3.65	-9.64
Cross	09N01E25AAD1	352244.31	905554	227.00	4/12/2012	93.47	133.53		137.52	142.70		-3.99	-9.17
Cross	09N03E22AAB2	352403.82	904518.39	277.00	4/17/2012	130.73	146.27	146.88	149.02	151.60	-0.61	-2.75	-5.33
Cross	09N03E22AAD1	352403.2	904511.77	278.00	4/17/2012	127.18	150.82	150.45	144.94	155.50	0.37	5.88	-4.68
								Declines/ Wells:			**4/5**	**3/5**	**5/5**
								Average Change:			**-2.13**	**-0.83**	**-8.30**
Dallas	07S15W33DAC1	340402	923752	475.00	3/13/2012	23.47	451.53	441.60			9.93		
Dallas	10S15W11DBB1	335201	923632	295.00	3/13/2012	57.97	237.03	237.79			-0.76		
								Declines/ Wells:			**1/2**		
								Average Change:			**4.58**		
Drew	11S04W02ACA2	334631.87	912826.56	153.00	2/23/2012	98.00	55.00	59.54	56.91	55.90	-4.54	-1.91	-0.90
Drew	11S04W25DAA1	334249.46	912706.98	148.00	2/23/2012	85.78	62.22	60.19	59.82	64.00	2.03	2.40	-1.78
								Declines/ Wells:			**1/2**	**1/2**	**2/2**
								Average Change:			**-1.26**	**0.25**	**-1.34**

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Jefferson	03S08W19BAD1	342623.76	915443.67	217.00	3/8/2012	172.32	44.68	47.72	43.05	45.10	-3.04	1.63	-0.42
Jefferson	03S08W19BBD1	342628.36	915504.54	215.00	3/8/2012	158.39	56.61	52.22	33.77	41.40	4.39	22.84	15.21
Jefferson	03S09W23BBD1	342626.95	915712.96	224.00	3/8/2012	163.86	60.14		37.15	44.00		22.99	16.14
Jefferson	03S10W27AAD1	342502.05	920433.81	222.00	3/8/2012	124.82	97.18	76.17	85.37		21.01	11.81	
Jefferson	03S11W22ABC1	342650.81	921058.27	310.00	2/29/2012	174.18	135.82	139.63	133.55		-3.81	2.27	
Jefferson	04S10W29ADB1	341814	920512	267.55	3/7/2012	200.40	67.15	50.49		52.25	16.66		14.90
Jefferson	04S11W14BAD1	342219.74	921000.07	400.00	2/29/2012	304.77	95.23	79.54	86.33	90.20	15.69	8.90	5.03
Jefferson	06S08W16CCC1	341143.07	915517.06	202.42	3/1/2012	245.41	-42.99	-36.79	-55.48		-6.20	12.49	
Jefferson	06S08W25ADC1	341024.86	915116.18	203.48	3/29/2012	218.72	-15.24	-11.61	-21.87	-24.32	-3.63	6.63	9.08
Jefferson	06S10W23ACA2	341123.09	920503.93	235.00	2/29/2012	226.45	8.55	17.45	4.16		-8.90	4.39	
Jefferson	07S07W24BAB1	340632.68	914522.99	188.00	3/29/2012	159.23	28.77	27.32	17.15		1.45	11.62	
Jefferson	04S09W11BAA1	342309	915702	210.00	3/8/2012	112.30	97.70						
Jefferson	05S08W30ADB1	341453	915441	221.00	1/5/2012	282.62	-61.62	-55.43	-77.66		-6.19	16.04	
Jefferson	05S08W30CBA1	341446.21	915526.54	207.00	3/29/2012	273.77	-66.77			-85.60			18.83
Jefferson	05S09W24DBD	341530	915554	208.17	3/29/2012	261.16	-52.99	-51.57	-71.06	-69.83	-1.42	18.07	16.84
Jefferson	05S09W31DDC1	341336.69	920109.24	227.00	3/7/2012	260.18	-33.18		-47.23			14.05	
Jefferson	05S10W16DBD1	341634.93	920534.41	300.00	2/29/2012	275.48	24.52		-11.38	13.40		35.90	11.12
Jefferson	06S09W17CAD1	341158	920206	233.00	3/7/2012	253.00	-20.00	-22.30	-30.78		2.30	10.78	
								Declines/ Wells:			**7/13**	**0/15**	**1/9**
								Average Change:			**2.18**	**13.36**	**11.86**
Lee	01N04E09CDD1	344203	904116	204.00	4/18/2012	67.99	136.01	137.39	141.79		-1.38	-5.78	
Lee	03N03E28CDB1	345005.93	904748.84	207.00	4/18/2012	52.90	154.10						
Lonoke	01N07W03BCC1	344425.34	914503.28	223.00	2/16/2012	133.00	90.00	86.80	91.78		3.20	-1.78	
Lonoke	02N07W06ACD1	344939.05	914737.03	241.00	2/14/2012	125.35	115.65	116.49	115.15		-0.84	0.50	
Lonoke	02N07W09AAA1	344906.42	914500.30	232.00	2/14/2012	103.59	128.41	129.23	130.55	134.10	-0.82	-2.14	-5.69
Lonoke	02N07W22DBA1	344651.49	914425.68	227.00	2/14/2012	136.09	90.91	91.55	95.29	102.40	-0.64	-4.38	-11.49
Lonoke	02N07W24DAC1	344650.23	914209.37	231.00	2/14/2012	157.50	73.50	80.06	81.35	84.20	-6.56	-7.85	-10.70
Lonoke	02N07W32DDD1	344448	914618	226.00	2/16/2012	142.01	83.99	86.26		100.50	-2.27		-16.51

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Lonoke	03N07W03CAA1	345444.90	914426.30	235.00	2/14/2012	81.83	153.17	153.30	155.02	158.00	-0.13	-1.85	-4.83
Lonoke	01S08W02DBD1	343853	915002	210.00	2/16/2012	95.65	114.35	101.59	111.69		12.76	2.66	
Lonoke	02S07W08DCC1	343235	914700	202.00	2/16/2012	134.65	67.35	60.29	58.60	65.70	7.06	8.75	1.65
Lonoke	02S08W16BDA1	343227	915227	216.00	2/16/2012	126.39	89.61	89.60		89.90	0.01		-0.29
Lonoke	02S08W15BBB2	343246.5	915825	226.00	2/16/2012	71.71	154.29		144.03			10.26	
Lonoke	03N08W22DAD1	345152	915024	235.00	3/22/2012	97.51	137.49	136.01	138.49		1.48	-1.00	
Lonoke	03N08W22DAD2	345205	915024	233.00	3/22/2012	99.98	133.02	133.34	134.14		-0.32	-1.12	
Lonoke	03N08W22DAD3	345204	915024	233.00	3/22/2012	98.83	134.17						
Lonoke	03N08W22DDD2	345152.18	915025.08	235.00	3/22/2012	98.52	136.48		128.21			8.27	
								Declines/ Wells:			**7/12**	**7/12**	**6/7**
								Average Change:			**1.08**	**0.86**	**-6.84**
Monroe	01N03W14CCB1	344143.93	911801.12	172.00	4/18/2012	72.21	99.79	97.70	96.04	103.30	2.09	3.75	-3.51
Monroe	04N02W28DDD4	345535	911221	192.00	3/27/2012	31.46	160.54	159.27	159.32	161.70	1.27	1.22	-1.16
Monroe	04N02W30BAC1	345617.03	911503.95	182.00	3/27/2012	10.90	171.10	166.42	170.20	172.90	4.68	0.90	-1.80
Monroe	04N02W30BAD1	345617.24	911514.62	176.00	3/27/2012	12.60	163.40	155.02	160.93		8.38	2.47	
Monroe	01N01W15DBC2	344139	910542	185.00	3/29/2012	63.36	121.64	123.00	121.90		-1.36	-0.26	
Monroe	03N02W26DAB1	345043	911026	192.00	4/18/2012	53.70	138.30	142.46	142.98	144.40	-4.16	-4.68	-6.10
								Declines/ Wells:			**2/6**	**2/6**	**4/4**
								Average Change:			**1.82**	**0.57**	**-3.14**
Ouachita	11S15W27ABD1	334440.87	923725.58	200.00	3/14/2012	70.60	129.40	130.28	130.66	130.80	-0.88	-1.26	-1.40
Ouachita	11S17W14CAC1	334631.35	924927.46	146.00	3/14/2012	21.20	124.80	126.10	123.68	127.60	-1.30	1.12	-2.80
Ouachita	11S17W36CCA1	334341.11	924834.21	133.00	3/14/2012	7.60	125.40	125.06	123.57	127.60	0.34	1.83	-2.20
Ouachita	12S15W09BBA1	334223.32	923922.44	213.00	3/14/2012	48.38	164.62	165.17	160.10		-0.55	4.52	
Ouachita	12S16W25BDC1	333929.4	924210.82	140.00	3/14/2012	48.70	91.30	104.75	107.58	85.40	-13.45	-16.28	5.90
Ouachita	12S16W26ABD1	333945.55	924304.12	137.00	3/14/2012	23.90	113.10	104.77	102.37	100.20	8.33	10.73	12.90
Ouachita	12S18W19CDC1	334018	925948	235.00	1/3/2012	32.76	202.24	202.42	204.37	202.00	-0.18	-2.13	0.24
Ouachita	12S18W25CAB1	333937.19	925441.87	187.00	3/14/2012	79.15	107.85	108.49	108.44	116.50	-0.64	-0.59	-8.65
Ouachita	12S19W09BAB1	334251.46	930351.94	290.00	3/14/2012	12.84	277.16	275.21	273.30	279.50	1.95	3.86	-2.34

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Ouachita	12S19W35BDD1	333901.13	930145.97	350.00	3/26/2012	156.97	193.03	193.31	189.75	196.10	-0.28	3.28	-3.07
Ouachita	13S16W28ADD1	333416.22	924450.63	106.00	4/12/2012	33.87	72.13	78.60	72.72	80.00	-6.47	-0.59	-7.87
Ouachita	13S19W28BCD1	333433.86	930417.81	230.00	3/14/2012	38.15	191.85	192.45	191.79	193.70	-0.60	0.06	-1.85
Ouachita	14S16W32BDB1	332815.62	924639.52	231.00	3/13/2012	28.50	202.50	192.72	205.24	213.40	9.78	-2.74	-10.90
Ouachita	14S17W02ABB1	333252.75	924926.84	120.00	3/13/2012	21.24	98.76		103.20			-4.44	
Ouachita	14S17W05CAD1	333238.01	925254.64	157.00	3/14/2012	39.05	117.95	118.98	119.76	121.60	-1.03	-1.81	-3.65
Ouachita	14S17W19DBB1	333002.20	925345.44	259.00	3/14/2012	12.15	246.85	220.80	245.23	247.80	26.05	1.62	-0.95
Ouachita	14S17W32CAD1	332803.41	925251.18	220.00	3/14/2012	79.20	140.80	140.96	140.94	137.30	-0.16	-0.14	3.50
Ouachita	14S18W27BDC1	332917.6	925703.97	220.00	4/12/2012	44.01	175.99		176.7	178.1		-0.71	-2.11
Ouachita	14S19W29ABB1	332941.45	930513.43	280.00	3/14/2012	89.51	190.49	191.62	191.84	192.30	-1.13	-1.35	-1.81
Ouachita	15S15W32DBB2	332233.72	924027.13	119.00	3/13/2012	156.70	-37.70	-40.17	-50.42	-57.50	2.47	12.72	19.80
Ouachita	15S18W36ADD1	332310.75	925436.06	160.00	3/14/2012	90.72	69.28	68.86	65.60	64.40	0.42	3.68	4.88
Ouachita	15S19W21CDD2	332438.02	930431.9	272.00	2/6/2012	188.47	83.53	84.00	73.18	82.30	-0.47	10.35	1.23
Ouachita	13S18W06BBA1	333819	930006	282.00	3/13/2012	115.34	166.66	93.90			72.76		
Ouachita	14S17W03CBA1	333234	925055	140.00	3/13/2012	17.84	122.16						
Ouachita	15S16W23DAC1	332415	924313	170.00	3/13/2012	126.49	43.51	43.79	43.85		-0.28	-0.34	
Ouachita	13S18W31BDD1	333340	925958	242.00	3/14/2012	69.66	172.34	210.23	170.82	173.40	-37.89	1.52	-1.06
								Declines/ Wells:			**15/23**	**12/24**	**14/21**
								Average Change:			**2.47**	**0.95**	**-0.11**
Phillips	01S02E32DDC1	343324.32	905455.41	211.00	5/3/2012	78.45	132.55	133.19	126.83	130.40	-0.64	5.72	2.15
Phillips	02S02E01ADC1	343323.48	905056.27	176.00	5/3/2012	28.88	147.12	143.18	140.83	137.90	3.94	6.29	9.22
Phillips	02S04E02DBA1	343242.87	903906.98	250.00	5/3/2012	104.17	145.83	158.17		149.90	-12.34		-4.07
Phillips	02S05E29CCC1	342850.81	903635.44	179.00	5/3/2012	25.10	153.90	163.94	155.44	152.80	-10.04	-1.54	1.10
								Declines/ Wells:			**3/4**	**1/3**	**1/4**
								Average Change:			**-4.77**	**3.49**	**2.10**
Poinsett	10N01E12BDC1	353026.35	905629.57	234.00	4/11/2012	106.90	127.10	129.60	133.62	133.80	-2.50	-6.52	-6.70
Poinsett	10N01E15DBB1	352930.54	905825.14	232.00	4/27/2012	83.50	148.50		135.08	134.80		13.42	13.70
Poinsett	10N01E33ABA1	352724.90	905924.05	221.00	4/11/2012	84.00	137.00	138.38	141.50	145.20	-1.38	-4.50	-8.20

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Poinsett	10N01E34BAA1	352724	905846	231.00	4/27/2012	98.19	132.81						
Poinsett	11N02E16CCC1	353448.21	905321.22	243.00	4/27/2012	116.57	126.43	129.35	134.31		-2.92	-7.88	
Poinsett	12N03E12BBB1	354137.44	904340.09	246.00	4/27/2012	116.57	129.43		133.72	142.70		-4.29	-13.27
								Declines/ Wells:			**3/3**	**4/5**	**3/4**
								Average Change:			**-2.27**	**-1.95**	**-3.62**
Prairie	01N05W19CDC1	344113.1	913505.27	212.00	2/22/2012	157.27	54.73	65.53	66.85		-10.80	-12.12	
Prairie	01N06W34CBB1	343943.01	913846.17	226.00	2/22/2012	164.81	61.19	63.13	56.30	61.80	-1.94	4.89	-0.61
Prairie	01N06W02ABB1	344442.4	913700.96	221.00	2/23/2012	119.84	101.16		92.66	99.10		8.50	2.06
Prairie	01S05W06BCB1	343903.98	913531.63	220.00	2/22/2012	161.25	58.75	62.61	42.80	60.30	-3.86	15.95	-1.55
Prairie	01S05W20ABB1	343639.91	913351.89	220.00	2/22/2012	147.10	72.90	61.38	65.35	53.00	11.52	7.55	19.90
Prairie	01S06W11DBD1	343748.99	913654.24	226.00	2/22/2012	172.57	53.43	48.28	48.18		5.15	5.25	
Prairie	02N05W21CBB2	344649	913300	225.00	2/17/2012	110.76	114.24						
Prairie	02N05W24BCA4	344659	912937	225.00	2/17/2012	103.23	121.77		123.10			-1.33	
Prairie	02N06W19AAB1	344718.24	914049.95	236.00	2/22/2012	154.41	81.59	83.31	85.42	93.30	-1.72	-3.83	-11.71
Prairie	02N06W20BCB1	344706.57	914032.97	236.00	2/22/2012	150.77	85.23	86.76	88.82	96.80	-1.53	-3.59	-11.57
Prairie	02N06W21DAD1	344644.15	913829.47	232.00	2/23/2012	126.00	106.00	103.14	99.08	106.40	2.86	6.92	-0.40
Prairie	02N06W22BDD1	344653.66	913800.68	233.00	2/23/2012	121.94	111.06	102.56	105.10	114.70	8.50	5.96	-3.64
Prairie	03N05W03ADA2	345451.65	913042.51	205.00	2/23/2012	54.00	151.00	143.92	145.10		7.08	5.90	
Prairie	03N05W20CCC1	345144.72	913356.35	213.00	2/23/2012	76.70	136.30	141.72	141.11	142.60	-5.42	-4.81	-6.30
Prairie	03N06W20CDD1	345140.24	914003.93	225.00	2/23/2012	85.52	139.48	139.30	139.12	154.30	0.18	0.36	-14.82
Prairie	02N06W24CAA2	344651	913551	233.00	2/17/2012	119.24	113.76	129.42	115.10		-15.66	-1.34	
Prairie	01S06W01BDD2	343859	913613	226.00	2/22/2012	164.50	61.50	63.27		61.20	-1.77		0.30
Prairie	01S06W12BAB2	343826	913826	228.00	1/18/2012	177.52	50.48						
								Declines/ Wells:			**8/14**	**6/15**	**8/11**
								Average Change:			**-0.53**	**2.28**	**-2.58**
St. Francis	03N01W33CDD1	345446	910635	210.00	4/19/2012	71.76	138.24	139.09			-0.85		
St. Francis	04N04E18BAB1	345743.38	904319.00	220.00	4/19/2012	68.20	151.80	154.48	154.71	151.80	-2.68	-2.91	0.00

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								Declines/ Wells:			2/2	1/1	
								Average Change:			-1.77		
Union	16S14W15CAB1	331944.03	923218.09	94.00	2/14/2012	141.65	-47.65	-39.56	-55.70	-54.10	-8.09	8.05	6.45
Union	16S15W20DAA1	331859.92	923957.97	190.00	3/15/2012	249.35	-59.35		-64.70	-94.10		5.35	34.75
Union	16S16W02ABC1	332205	924330	116.00	1/9/2012	152.32	-36.32	-42.27	-46.53	-56.50	5.95	10.21	20.18
Union	16S16W03CBC1	332138	924507	200.00	2/15/2012	211.81	-11.81		-22.50	-28.90		10.69	17.09
Union	16S18W34ABC2	331805.99	925708.91	250.00	3/15/2012	201.55	48.45		40.47	42.00		7.98	6.45
Union	17S12W32BBC1	331202.09	922219.02	231.00	3/14/2012	205.70	25.30		-10.54	-6.70		35.84	32.00
Union	17S13W31BAC1	331200.17	922915.7	216.00	3/14/2012	272.93	-56.93	-62.07	-93.04	-76.60	5.14	36.11	19.67
Union	17S14W10DCC1	331456.79	923203.26	182.00	2/12/2012	93.60	88.40	88.22	85.97	87.60	0.18	2.43	0.80
Union	17S14W15ABA1	331451.3	923159.8	169.00	2/14/2012	87.30	81.70	75.26	72.70		6.44	9.00	
Union	17S15W08CDD1	331504.77	924027.41	174.92	3/14/2012	271.00	-96.08	-95.44	-114.73		-0.64	18.65	
Union	17S15W18DBB1	331438.96	924129.21	182.93	1/4/2012	288.26	-105.33	-103.91	-118.40	-173.57	-1.42	13.07	68.24
Union	17S15W28DBA1	331246.08	923909.78	230.00	1/4/2012	329.84	-99.84	-97.77	-115.83	-172.40	-2.07	15.99	72.56
Union	17S15W31DDA1	331143.75	924104.87	261.00	1/4/2012	374.02	-113.02	-113.10	-122.42	-174.50	0.08	9.40	61.48
Union	17S17W25DBA2	331256	924837	250.00	4/23/2012	324.56	-74.56	-70.58	-86.42		-3.98	11.86	
Union	17S17W30DCD1	331257.41	925355.54	280.00	3/15/2012	307.85	-27.85	-23.86	-43.53		-3.99	15.68	
Union	18S13W16ADD1	330915	922634	195.00	3/14/2012	98.80	96.20						
Union	18S14W06CCD1	331039.23	923530.87	225.00	3/14/2012	308.27	-83.27	-78.86	-117.80	-137.00	-4.41	34.53	53.73
Union	18S15W03DAB1	331103.78	923802.12	240.00	4/23/2012	329.02	-89.02	-88.10	-106.05		-0.92	17.03	
Union	18S15W33ADA1	330659.32	923858.48	253.00	2/14/2012	353.49	-100.49	-79.36	-106.87	-134.20	-21.13	6.38	33.71
Union	18S16W11DAC1	331011.23	924316.37	272.00	2/15/2012	375.07	-103.07	-95.36	-140.75	-149.00	-7.71	37.68	45.93
Union	18S16W10CDD1	331000.38	924445.32	182.00	2/15/2012	277.29	-95.29	-90.75	-132.68		-4.54	37.39	
Union	18S16W12ACB1	331028.75	924231.85	302.00	2/15/2012	387.28	-85.28	-97.92	-131.04	-158.20	12.64	45.76	72.92
Union	18S16W28BBB1	330809.22	924611.13	225.00	2/15/2012	291.10	-66.10		-94.20	-109.20		28.10	43.10
Union	18S17W22BDD1	330855.91	925056.48	285.00	2/15/2012	326.20	-41.20	-42.29	-55.69		1.09	14.49	
Union	18S18W11ACD2	331050.91	925615.1	239.00	3/15/2012	261.50	-22.50		-28.28			5.78	
Union	19S10W16CBC1	330329	920903	82.00	2/14/2012	85.90	-3.90	-4.55	-6.33	-1.00	0.65	2.43	-2.90
Union	19S11W25AAA1	330217.84	921113.03	135.00	2/14/2012	144.60	-9.60	-10.49	-16.20	-11.50	0.89	6.60	1.90
Union	19S15W01CCA1	330534.81	923645.01	192.00	2/14/2012	62.20	129.80		121.42	124.10		8.38	5.70
Union	19S16W35DDC1	330108.86	924325.54	175.00	2/14/2012	221.40	-46.40		-60.15			13.75	

Sparta/ Memphis Sand Aquifer
2012, 2011, 2007, 2002
Water Level Change

County	Station	Latitude	Longitude	LSA	Date Meas.	2012 Meas	WL Alt.12	WL Alt.11	WL Alt.07	WL Alt.02	11-12 Change	07-12 Change	02-12 Change
Union	19S18W14ADA1	330451.70	925607.90	243.00	2/15/2012	190.18	52.82	52.19	50.93	57.90	0.63	1.89	-5.08
Union	19S11W23ACA1	330255	921229	142.00	2/14/2012	152.02	-10.02	-9.17	-10.44	-8.20	-0.85	0.42	-1.82
Union	17S14W22BAB1	331354	923224	201.00	1/28/2012	278.56	-77.56	-75.92	-96.61		-1.64	19.05	
Union	18S12W33BBB1	330651	922120	112.00	2/14/2012	141.70	-29.70	-26.40	-27.56	-25.10	-3.30	-2.14	-4.60
								Declines/ Wells:			**14/24**	**1/31**	**4/22**
								Average Change:			**-1.29**	**15.24**	**26.47**
Woodruff	05N01W11ABA1	350425.81	910407.19	211.00	4/12/2012	62.47	148.53	149.83	151.00	154.20	-1.30	-2.47	-5.67
Woodruff	05N01W17DBB1	350310.68	910727.11	210.00	4/12/2012	47.05	162.95	163.26	162.64	164.50	-0.31	0.31	-1.55
Woodruff	05N02W31DCB3	350026.9	911455.9	193.00	4/12/2012	13.81	179.19	179.91	176.76	178.70	-0.72	2.43	0.49
Woodruff	06N01W13ADC1	350827.39	910246.74	212.00	4/12/2012	70.00	142.00	141.89	143.62		0.11	-1.62	
Woodruff	08N01W12CDA1	351932	910310	225.00	4/12/2012	77.50	147.50	147.11	150.14		0.39	-2.64	
Woodruff	07N01W12BCB1	351445	910328	222.00	4/12/2012	69.87	152.13	153.57	154.06	158.80	-1.44	-1.93	-6.67
								Declines/ Wells:			**4/6**	**4/6**	**3/4**
								Average Change:			**-0.54**	**-0.99**	**-3.35**
								Total Declines/Wells:			**102/178**	**72/187**	**69/150**
								Total Average Change:			**-0.01**	**3.34**	**4.19**
											57.3%	**38.5%**	**46.0%**

2009 Withdrawals of Ground Water from Aquifers in Arkansas Counties by Use Type

(In million gallons per day: ---, no data available)

County	Use Type	Deposits of Quaternary Age		Cockfield Formation		Cane River		Sparta-Memphis Sand		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		ROCKS PALEOZOIC AGE'		All Other Aquifers		Use Type total	
		Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well
ARKANSAS	AG/IR	337.76	2097	0.38	1	--	--	36.58	174	--	--	--	--	--	--	--	--	--	--	--	--	5.81	23	380.53	2295
	IN/CO/ MI	--	--	--	--	--	--	0	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1
	WS	0	1	--	--	--	--	1.34	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1
Totals		337.76	2098	0.38	1	--	--	37.92	182	--	--	--	--	--	--	--	--	--	--	--	--	5.81	23	381.87	2304
ASHLEY	AG/IR	114.26	1044	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.71	6	114.97	1050
	IN/CO/ MI	--	--	0.01	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01	7
	WS	--	--	1.38	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.12	2	1.5	13
Totals		114.26	1044	1.39	18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.83	8	116.48	1070
BAXTER	IN/CO/ MI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	2	0	1	0	3
	WS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20.3	21	--	--	20.3	21
Totals		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20.3	23	0	1	20.3	24
BENTON	AG/IR	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.03	2	--	--	0.03	2
	IN/CO/ MI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.02	3	--	--	0.02	3
	WS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.19	12	0.2	3	0.39	15
Totals		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.24	17	0.2	3	0.44	20
BOONE	IN/CO/ MI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	2	--	--	0	2
	WS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.74	13	--	--	0.74	13
Totals		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.74	15	--	--	0.74	15
BRADLEY	IN/CO/ MI	--	--	--	--	--	--	0.44	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.44	3
	WS	--	--	0.09	2	--	--	0.23	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.32	5
Totals		--	--	0.09	2	--	--	0.67	6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.76	8
CALHOUN	AG/IR	--	--	--	--	--	--	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0
	IN/CO/ MI	--	--	--	--	--	--	0	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1
	WS	--	--	--	--	--	--	0.12	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.12	3
Totals		--	--	--	--	--	--	0.12	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.12	4
CARROLL	AG/IR	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0

2009 Withdrawals of Ground Water from Aquifers in Arkansas Counties by Use Type

(In million gallons per day: ---, no data available)

County	Use Type	Deposits of Quaternary Age		Cockfield Formation		Cane River		Sparta-Memphis Sand		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		ROCKS PALEOZOIC AGE'		All Other Aquifers		Use Type total	
		Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well
	IN/CO/ MI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.04	6	0	3	0.04	9
	WS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.74	11	0.01	5	0.75	16
Totals		0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.78	17	0.01	8	0.79	25
CHICOT	AG/IR	175.98	1400	0.81	5	--	--	0.05	1	--	--	--	--	--	--	--	--	--	--	--	--	0.5	5	177.34	1411
	WS	--	--	1.16	8	--	--	0.51	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.67	11
Totals		175.98	1400	1.97	13	--	--	0.56	4	--	--	--	--	--	--	--	--	--	--	--	--	0.5	5	179.01	1422
CLARK	IN/CO/ MI	--	--	--	--	--	--	--	--	--	--	--	--	0.11	3	--	--	--	--	0	3	0	1	0.11	7
	WS	--	--	--	--	--	--	--	--	--	--	0	1	0	4	0.06	2	--	--	--	--	--	--	0.06	7
Totals		--	--	--	--	--	--	--	--	--	--	0	1	0.11	7	0.06	2	--	--	0	3	0	1	0.17	14
CLAY	AG/IR	284.35	2120	--	--	--	--	--	--	0.68	1	--	--	--	--	--	--	--	--	4.21	13	67.57	220	356.81	2354
	IN/CO/ MI	0	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1
	WS	0.41	3	--	--	--	--	--	--	--	--	--	--	1.02	11	--	--	--	--	--	--	--	--	1.43	14
Totals		284.76	2124	--	--	--	--	--	--	0.68	1	--	--	1.02	11	--	--	--	--	4.21	13	67.57	220	258.24	2369
CLEBURNE	AG/IR	0.11	1																					0.11	1
Totals		0.11	1																					0.11	1
CLEVELAND	AG/IR							0	1															0	1
	WS	--	--	--	--	--	--	0.43	6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.43	6
Totals		--	--	--	--	--	--	0.43	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.43	7
COLUMBIA	IN/CO/ MI	--	--	--	--	--	--	1.76	39	--	--	--	--	--	--	--	--	0	1	--	--	--	--	1.76	40
	WS	--	--	--	--	--	--	0.53	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.53	15
Totals		--	--	--	--	--	--	2.29	54	--	--	--	--	--	--	--	--	0	1	--	--	--	--	2.29	55
CONWAY	AG/IR	0.55	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01	1	0.56	16
Totals		0.55	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01	1	0.56	16
CRAIGHEAD	AG/IR	332.29	3154	--	--	--	--	2.11	21	--	--	--	--	--	--	--	--	--	--	--	--	6.89	62	341.29	3237
	IN/CO/ MI	0	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1
	WS	1.84	8	--	--	--	--	8.93	23	0.46	5	--	--	--	--	--	--	--	--	--	--	--	--	11.23	36
Totals		334.13	3163	--	--	--	--	11.04	44	0.46	5	--	--	--	--	--	--	--	--	--	--	6.89	62	352.52	3274
CRAWFORD	AG/IR	0.25	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.25	10

2009 Withdrawals of Ground Water from Aquifers in Arkansas Counties by Use Type

(In million gallons per day: ---, no data available)

County	Use Type	Deposits of Quaternary Age		Cockfield Formation		Cane River		Sparta-Memphis Sand		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		ROCKS PALEOZOIC AGE'		All Other Aquifers		Use Type total	
		Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well
Totals		0.25	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.25	10
CRITTENDEN	AG/IR	173.17	1383	0	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.59	9	173.76	1393
	IN/CO/ MI	0.13	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0.13	3
	WS	--	--	--	--	--	--	--	--	6.25	12	--	--	--	--	--	--	--	--	--	--	0	1	6.25	13
Totals		173.3	1386	0	1	--	--	--	--	6.25	12	--	--	--	--	--	--	--	--	--	--	0.59	10	180.14	1409
CROSS	AG/IR	386.46	2281	--	--	--	--	3.28	9	--	--	--	--	--	--	--	--	--	--	--	--	10.16	67	399.9	2357
	IN/CO/ MI	0.42	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.42	4
	WS	0.84	5	--	--	--	--	1.13	6	0.3	2	--	--	--	--	--	--	--	--	--	--	0	1	2.27	14
Totals		387.72	2290	--	--	--	--	4.41	15	0.3	2	--	--	--	--	--	--	--	--	--	--	10.16	68	402.59	2375
DALLAS	WS	0	1	--	--	0	2	0.79	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.79	8
Totals		0	1	--	--	0	2	0.79	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.79	8
DESHA	AG/IR	272.03	1968	1.8	7	--	--	0.08	1	--	--	--	--	--	--	--	--	--	--	--	--	14.52	120	288.43	2096
	IN/CO/ MI	--	--	0	1	--	--	1.16	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.16	5
	WS	--	--	--	--	--	--	1.09	10	--	--	--	--	--	--	--	--	--	--	--	--	0.03	1	1.12	11
Totals		272.03	1968	1.8	8	--	--	2.33	15	--	--	--	--	--	--	--	--	--	--	--	--	14.55	121	290.71	2112
DREW	AG/IR	27.61	557	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			27.61	557
	WS	--	--	--	--	--	--	2.38	9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.38	9
Totals		27.61	557	--	--	--	--	2.38	9	--	--	--	--	--	--	--	--	--	--	--	--			29.99	566
FAULKNER	AG/IR	0.55	8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.03	1	0.58	9
	IN/CO/ MI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	2	--	--	0	2
	WS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	8	--	--	0	8
Totals		0.55	8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	10	0.03	1	0.58	19
FRANKLIN	IN/CO/ MI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1	--	--	0	1
Totals				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1			0	1
FULTON	AG/IR	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.27	1	--	--	0.27	1

2009 Withdrawals of Ground Water from Aquifers in Arkansas Counties by Use Type

(In million gallons per day: ---, no data available)

County	Use Type	Deposits of Quaternary Age		Cockfield Formation		Cane River		Sparta-Memphis Sand		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		ROCKS PALEOZOIC AGE'		All Other Aquifers		Use Type total	
		Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well
	IN/CO/ MI	0	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	2	0	3
	WS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.64	5	0.01	1	0.65	6
Totals		0	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.91	6	0.01	3	0.92	10
GARLAND	IN/CO/ MI			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	4	0	2	0	6
	WS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	3			0	3
Totals				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	7	0	2	0	9
GRANT	AG/IR	0.15	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.15	1
	IN/CO/ MI	--	--	--	--	--	--	0.26	6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.26	6
	WS	--	--	--	--	--	--	1.44	12	--	--	--	--	--	--	--	--	--	--	--	--			1.44	12
Totals		0.15	1	--	--	--	--	1.7	18	--	--	--	--	--	--	--	--	--	--	--	--			1.85	19
GREENE	AG/IR	329.86	2136	--	--	--	--	--	--	1.91	15	--	--	--	--	--	--	--	--	--	--	0.27	2	332.04	2153
	IN/CO/ MI	0.08	2	--	--	--	--	--	--	0.01	4	--	--	0.02	1	--	--	--	--	--	--	--	--	0.11	7
	WS	--	--	--	--	--	--	--	--	3.84	9	--	--	0.5	4	--	--	--	--	--	--	--	--	4.34	13
Totals		329.94	2138	--	--	--	--	--	--	5.76	28	--	--	0.52	5	--	--	--	--	--	--	0.27	2	336.49	2173
HEMPSTEAD	AG/IR	--	--	--	--	--	--	0	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1
	IN/CO/ MI	--	--	--	--	--	--	--	--	--	--	--	--	0	1	--	--	--	--	--	--	0	1	0	2
	WS	--	--	--	--	--	--	--	--	--	--	--	--	0.17	4	0.32	11	--	--	--	--	--	--	0.49	15
Totals		--	--	--	--	--	--	0	1	--	--	--	--	0.17	5	0.32	11	--	--	--	--	0	1	0.49	18
HOT SPRING	IN/CO/ MI			--	--	--	--	0	1	--	--	--	--	--	--	--	--	--	--	0.03	4	--	--	0.03	5
	WS																			0.03	1			0.03	1
Totals				--	--	--	--	0	1	--	--	--	--	--	--	--	--	--	--	0.06	5	--	--	0.06	6
HOWARD	WS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.09	4	--	--	--	--	--	--	0.09	4
Totals		--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.09	4	--	--	--	--	--	--	0.09	4
INDEPENDENCE	AG/IR	36.69	314	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.75	11	38.44	325
	WS	0.97	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.97	7
Totals		37.66	321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.75	11	39.41	332

2009 Withdrawals of Ground Water from Aquifers in Arkansas Counties by Use Type

(In million gallons per day: ---, no data available)

County	Use Type	Deposits of Quaternary Age		Cockfield Formation		Cane River		Sparta-Memphis Sand		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		ROCKS PALEOZOIC AGE'		All Other Aquifers		Use Type total	
		Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well
IZARD	AG/IR	0.08	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.08	1
	WS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.52	11	--	--	0.55	14
Totals		0.08	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.52	11	--	--	0.63	15
JACKSON	AG/IR	334.24	2636	--	--	--	--	0.32	1	--	--	--	--	--	--	--	--	--	--	--	--	0.24	3	334.8	2640
	IN/CO/ MI	0.16	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.16	1
	WS	0.82	16	--	--	--	--			--	--	--	--	--	--	--	--	--	--	--	--		--	0.82	16
Totals		335.22	2653					0.32	1													0.24	3	335.78	2657
JEFFERSON	AG/IR	197.79	1643	--	--	--	--	0.14	1	--	--	--	--	--	--	--	--	--	--	--	--	0.02	1	197.95	1645
	IN/CO/ MI	5.96	7	--	--	--	--	30.01	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	35.97	37
	WS	--	--	--	--	--	--	12.62	39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	12.62	39
Totals		203.75	1650	--	--	--	--	42.77	70	--	--	--	--	--	--	--	--	--	--	--	--	0.02	1	246.54	1721
JOHNSON	AG/IR	0	14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	14
	IN/CO/ MI	0.13	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.13	1
Totals		0.13	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.13	15
LAFAYETTE	AG/IR	24.71	268	0.01	3	--	--	0.22	28	0.01	11	--	--	--	--	--	--	--	--	0	1	1.21	14	26.16	325
	IN/CO/ MI	--	--	--	--	--	--	0	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	2
	WS	--	--	--	--	0.36	5	0.1	4	--	--	--	--	--	--	--	--	--	--	--	--			0.46	9
Totals		24.71	268	0.01	3	0.36	5	0.32	34	0.01	11	--	--	--	--	--	--	--	--	0	1	1.21	14	26.62	336
LAWRENCE	AG/IR	155.38	1274	--	--	--	--	0.12	1	--	--	--	--	--	--	--	--	--	--	0.3	3	11.91	89	167.71	1367
	IN/CO/ MI	--	--	--	--	--	--	--	--	--	--	--	--	0	1	--	--	--	--	--	--	0.05	1	0.05	2
	WS	1.01	9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.56	7			1.57	16
Totals		156.39	1283					0.12	1					0	1					0.86	10	11.96	90	169.33	1385
LEE	AG/IR	223.91	2303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	223.91	2303
	WS	--	--	--	--	--	--	0.97	2	0.03	1	--	--	--	--	--	--	--	--	--	--	0.36	2	1.36	5
Totals		223.91	2303	--	--	--	--	0.97	2	0.03	1	--	--	--	--	--	--	--	--	--	--	0.36	2	225.27	2308
LINCOLN	AG/IR	132.08	1161	--	--	--	--	0.8	6	--	--	--	--	--	--	--	--	--	--	--	--	1.23	7	134.11	1174
	WS	--	--	--	--	--	--	2.09	15	--	--	--	--	--	--	--	--	--	--	--	--	0.07	2	2.16	17
Totals		132.08	1161	--	--	--	--	2.89	21	--	--	--	--	--	--	--	--	--	--	--	--	1.3	9	136.27	1191

2009 Withdrawals of Ground Water from Aquifers in Arkansas Counties by Use Type

(In million gallons per day: ---, no data available)

County	Use Type	Deposits of Quaternary Age		Cockfield Formation		Cane River		Sparta-Memphis Sand		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		ROCKS PALEOZOIC AGE'		All Other Aquifers		Use Type total	
		Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well
LITTLE RIVER	AG/IR	3.29	27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.29	27
	IN/CO/ MI	0.16	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.16	7
	WS	0.58	6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.58	6
Totals		4.03	40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.03	40
LOGAN	AG/IR	0.25	19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.25	19
Totals		0.25	19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.25	19
LONOKE	AG/IR	232.57	2522	--	--	--	--	6.65	36	0.05	1	--	--	--	--	--	--	--	--	--	--	10.72	56	249.99	2615
	IN/CO/ MI	1.4	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.4	4
	WS	3.03	29	0.16	2	--	--	1.68	8	0.46	2	--	--	--	--	--	--	--	--	--	--	--	--	5.33	41
Totals		237	2555	0.16	2	--	--	8.33	44	0.51	3	--	--	--	--	--	--	--	--	--	--	10.72	56	256.72	2660
MADISON	AG/IR	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1	--	--	0	1
Totals		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1	--	--	0	1
MARION	IN/CO/ MI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1	0	1	0	2
	WS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	2	--	--	0	2
Totals		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	3	0	1	0	4
MILLER	AG/IR	7.47	75	--	--	--	--	0	1	--	--	--	--	--	--	--	--	--	--	--	--	0	1	7.47	77
	IN/CO/ MI	--	--	--	--	--	--	--	--	0.01	2	--	--	--	--	0.15	3	--	--	--	--	0	2	0.16	7
	WS	0.09	1	--	--	--	--					--	--	--	--	--	--	--	--	--	--			0.09	1
Totals		7.56	76	--	--	--	--	0	1	0.1	2	--	--	--	--	0.15	3	--	--	--	--	0	3	7.72	85
MISSISSIPPI	AG/IR	178.74	2301	--	--	--	--	--	--	0.04	2	--	--	--	--	--	--	--	--	--	--	0.35	3	179.13	2306
	IN/CO/ MI			--	--	--	--	--	--	0.92	7	--	--	--	--	--	--	--	--	--	--	0.86	1	1.78	8
	WS	--	--	--	--	--	--	--	--	3.15	23	--	--	--	--	--	--	--	--	--	--			3.15	23
Totals		178.74	2301	--	--	--	--	--	--	4.11	32	--	--	--	--	--	--	--	--	--	--	1.21	4	184.06	2337
MONROE	AG/IR	267.89	2236	0.71	8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.16	2	268.76	2246
	IN/CO/ MI	0	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1
	WS			--	--	--	--	0.13	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.13	1
Totals		267.89	0.71	0.71	8	--	--	0.13	1	--	--	--	--	--	--	--	--	--	--	--	--	0.16	2	268.89	2248

2009 Withdrawals of Ground Water from Aquifers in Arkansas Counties by Use Type

(In million gallons per day: ---, no data available)

County	Use Type	Deposits of Quaternary Age		Cockfield Formation		Cane River		Sparta-Memphis Sand		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		ROCKS PALEOZOIC AGE'		All Other Aquifers		Use Type total	
		Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well
MONTGOMERY	IN/CO/ MI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01	5	0.03	2	0.04	7
Totals		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01	5	0.03	2	0.04	7
NEVADA	IN/CO/ MI	0	2	--	--	--	--	--	--	0	1			--	--	--	--	--	--	--	--	--	--	0.09	3
	WS	--	--	--	--	--	--	0.05	2			0.05	2			--	--	--	--	--	--	--	--	0.16	6
Totals		0	2	--	--	--	--	0.05	2	0	1	0.05	2			--	--	--	--	--	--	--	--	0.25	9
NEWTON	WS	0.05	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.3	7	0	1	0.35	11
Totals		0.05	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.3	7	0	1	0.35	11
OUACHITA	WS	--	--	--	--			1.16	13	--	--	--	--	0	1	--	--	--	--	--	--	0.09	1	1.25	15
Totals		--	--	--	--			1.16	13	--	--	--	--	0	1	--	--	--	--	--	--	0.09	1	1.25	15
PERRY	IN/CO/ MI	0	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1
	WS	0	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.11	3	--	--	0.11	5
Totals		0	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.11	3	--	--	0.11	6
PHILLIPS	AG/IR	243.8	1927	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.19	1	243.99	1928
	IN/CO/ MI	0.03	1	0	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.03	2
	WS	--	--	--	--	--	--	3.2	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.2	15
Totals		243.83	1928	0	1	--	--	3.2	15	--	--	--	--	--	--	--	--	--	--	--	--	0.19	1	247.22	1945
PIKE	AG/IR	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1	--	--	0	1
	WS	0.05	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			--	--	0.05	1
Totals		0.05	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1	--	--	0.05	2
POINSETT	AG/IR	485.56	2864	--	--	--	--	0.89	4	--	--	--	--	--	--	--	--	--	--	--	--			486.45	2868
	IN/CO/ MI	0	2	--	--	--	--	0	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	3
	WS	0.84	8	--	--	--	--	0.03	4	1.83	8	--	--	--	--	--	--	--	--	--	--	--	--	2.7	20
Totals		486.4	2874	--	--	--	--	0.92	9	1.83	8	--	--	--	--	--	--	--	--	--	--			489.15	2891
POLK	IN/CO/ MI	0.34	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.03	2	0.01	3	0.38	9
Totals		0.34	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.03	2	0.01	3	0.38	9
POPE	AG/IR	0	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.4	2	--	--	0.4	3

2009 Withdrawals of Ground Water from Aquifers in Arkansas Counties by Use Type

(In million gallons per day: ---, no data available)

County	Use Type	Deposits of Quaternary Age		Cockfield Formation		Cane River		Sparta-Memphis Sand		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		ROCKS PALEOZOIC AGE'		All Other Aquifers		Use Type total	
		Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well
	IN/CO/ MI	0.01	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01	3
Totals		0.01	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.4	2	--	--	0.41	6
PRAIRIE	AG/IR	130.37	1776	--	--	--	--	6.46	42	1.23	10	--	--	--	--	--	--	--	--	--	--	7.1	70	145.16	1898
	WS	0.26	7	--	--	--	--	0.14	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.4	8
Totals		130.63	1783	--	--	--	--	6.6	43	1.23	10	--	--	--	--	--	--	--	--	--	--	7.1	70	145.56	1906
PULASKI	AG/IR	17.54	229	--	--	--	--	0.55	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	18.09	234
	WS	2.5	5	--	--	--	--	0.25	3	--	--	--	--	--	--	--	--	--	--	0	4			2.75	12
Totals		20.04	234	--	--	--	--	0.8	8	--	--	--	--	--	--	--	--	--	--	0	4			20.84	246
RANDOLPH	AG/IR	106.43	674	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.47	2	106.9	676
	WS	0.06	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.18	4	--	--	0.24	7
Totals		106.49	677	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.18	4	0.47	2	107.14	683
ST FRANCIS	AG/IR	244.91	2057	0.82	6	--	--	0.04	1	--	--	--	--	--	--	--	--	--	--	--	--	0.89	6	246.66	2070
	WS	1.63	12	--	--	--	--	--	--	0.24	1	--	--	--	--	--	--	--	--	--	--			1.87	13
Totals		246.54	2069	0.82	6	--	--	0.04	1	0.24	1	--	--	--	--	--	--	--	--	--	--	0.89	6	248.53	2083
SALINE	AG/IR	--	--	--	--	--	--			0	1	--	--	--	--	--	--	--	--	--	--	--	--	0	1
	WS	0.35	2	--	--	--	--	0.19	2	0.6	9	--	--	--	--	--	--	--	--	--	--			1.14	13
Totals		0.35	2	--	--	--	--	0.19	2	0.6	10	--	--	--	--	--	--	--	--	--	--			1.14	14
SCOTT	IN/CO/ MI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	2	0	1	0	3
Totals		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	2	0	1	0	3
SEARCY	WS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.24	5	0.12	2	0.36	7
Totals		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.24	5	0.12	2	0.36	7
SEVIER	IN/CO/ MI	--	--	--	--	--	--	0	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1
	WS	0.04	1	--	--	--	--	--	--	--	--	--	--	--	--			0.17	4	--	--	0	1	0.21	5
Totals		0.04	1	--	--	--	--	0	1	--	--	--	--	--	--			0.17	4	--	--	0	1	0.21	6
SHARP	IN/CO/ MI	0	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1
	WS	0	1	--	--	--	--	--	--	--	--	--	--	--	--	0	1	--	--	0.79	11	--	--	0.79	13
Totals		0	2													0	1			0.79	11			0.79	14

2009 Withdrawals of Ground Water from Aquifers in Arkansas Counties by Use Type

(In million gallons per day: ---, no data available)

County	Use Type	Deposits of Quaternary Age		Cockfield Formation		Cane River		Sparta-Memphis Sand		Wilcox Group		Clayton Formation		Nacatoch Sand		Tokio Formation		Trinity Group		ROCKS PALEOZOIC AGE'		All Other Aquifers		Use Type total	
		Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well	Mgal/ day	# of Well
STONE	AG/IR	0.13	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.13	1
	IN/CO/ MI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01	1	--	--	0.01	1
Totals		0.13	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.01	1	--	--	0.14	2
UNION	IN/CO/ MI	--	--	--	--	--	--	4.04	24	--	--	--	--	--	--	--	--	--	--	--	--	0.36	2	4.4	26
	WS	0.06	1	--	--	--	--	3.87	40	--	--	--	--	--	--	--	--	--	--	--	--	0.01	1	3.94	42
Totals		0.06	1	--	--	--	--	7.91	64	--	--	--	--	--	--	--	--	--	--	--	--	0.37	3	8.34	68
WASHINGTON	IN/CO/ MI	0	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1	0	2
Totals		0	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1	0	2
WHITE	AG/IR	28.44	541	--	--	--	--	--	--	0.54	1	0.13	2	--	--	--	--	--	--	--	--	1.9	15	31.01	559
	WS	0.04	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.04	1
Totals		28.48	542	--	--	--	--	--	--	0.54	1	0.13	2	--	--	--	--	--	--	--	--	1.9	15	31.05	560
WOODRUFF	AG/IR	173.49	1931	--	--	--	--	1.06	7	--	--	--	--	--	--	--	--	--	--	--	--	29.14	392	203.69	2330
	IN/CO/ MI	0	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	2
	WS	0.4	6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.4	6
Totals		173.89	1939	--	--	--	--	1.06	7	--	--	--	--	--	--	--	--	--	--	--	--	29.14	392	204.09	2338
YELL	IN/CO/ MI	0	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	2
	WS	2.04	9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.04	9
Totals		2.04	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.04	11
Agriculture/ Irrigation		5661.14	46970	4.53	31			59.35	341	4.46	42	0.13	2							5.21	24	174.34	1189	5909.16	48599
Commercial/ Industrial/ Mining		8.82	52	0.01	9			37.67	113	0.94	14			0.13	6	0.15	3	0.00	1	0.14	38	1.31	24	49.26	260
Water Supply/ Domestic		17.91	148	2.79	23	0.36	7	45.40	251	17.16	72	0.05	3	1.69	24	0.47	18	0.17	4	25.3	128	1.02	24	111.11	699
Total		**5687.87**	**47170**	**7.33**	**63**	**0.36**	**7**	**142.42**	**705**	**22.56**	**128**	**0.18**	**5**	**1.82**	**30**	**0.62**	**21**	**0.17**	**5**	**30.65**	**190**	**176.67**	**1237**	**6069.53**	**49558**