



Water-Data Report 2008

345413091493401, 03N08W11ACA1

Mississippi River Valley alluvial aquifer
 Quaternary Alluvium
 Lonoke County, AR

LOCATION.--Lat 34°54'13", long 91°49'34" referenced to North American Datum of 1983, in NE ¼ SW ¼ NE ¼ sec.11, T.3 N., R.8 W., Lonoke County, AR, Hydrologic Unit 08020301, near Wattensaw.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 144 ft. Upper casing diameter 4 in; top of first opening 123.19 ft, bottom of last opening 143.19 ft.

DATUM.--Land-surface datum is 256 ft above National Geodetic Vertical Datum of 1929. Measuring point: Floor of box to top of casing, 0.53 ft above land-surface datum, Jan 11, 2005 to current year.

PERIOD OF RECORD.--Continuous from Jan 1999 to current year.

COOPERATION.--Cabot Water.

REMARKS.—Interruption in record because of instrumentation malfunction.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 89.78 ft below land surface datum, Jan 11, 1999; lowest water level, 104.91 ft below land surface datum, Aug 6, 2008.

EXTREMES FOR CURRENT YEAR.--Highest water level, 101.81 ft below land surface datum, Oct 18; lowest water level, 104.91 ft below land surface datum, Aug 6.

**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
 WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
 DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5	102.33	103.24	---	---	---	102.62	102.62	103.08	102.83	103.99	104.85	104.01
10	102.31	---	---	---	---	103.36	102.29	102.71	103.78	104.15	104.15	104.28
15	102.25	---	---	---	104.57	102.86	103.03	103.03	103.90	104.06	104.24	104.32
20	102.37	---	---	---	104.50	103.28	102.73	102.73	103.08	103.51	104.03	103.69
25	102.35	---	---	---	102.96	103.37	102.72	102.87	103.54	103.49	103.67	103.33
Eom	102.31	---	---	---	103.13	102.61	102.69	102.77	103.92	104.30	103.89	103.21
Mean	102.35	---	---	---	---	102.99	102.75	102.85	103.40	103.84	104.13	103.79
Max	102.85	---	---	---	---	103.87	103.08	103.18	103.96	104.30	104.85	104.34
Min	101.93	---	---	---	---	102.44	102.29	102.48	102.62	103.37	103.62	103.19

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