

Water-Data Report 2011

**345618091521201, 04N08W28CAC1**

Mississippi River Valley alluvial aquifer  
Quaternary Alluvium

Lonoke County, AR

LOCATION.--Lat 34°56'20", long 91°52'16" referenced to North American Datum of 1983, in SW ¼ NE ¼ SW ¼ sec.28, T.4 N., R.8 W., Lonoke County, AR, Hydrologic Unit 08020301, and near Wattensaw.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 140.5 ft. Upper casing diameter 20 in; top of first opening 110.5 ft, bottom of last opening 140.5 ft.

DATUM.--Land-surface datum is 235 ft above National Geodetic Vertical Datum of 1929. Measuring point: Remove vent line top of housing, 2.00 ft above land-surface datum, Feb 23, 2001 to current year.

PERIOD OF RECORD.--Sep 1995 and quarterly from Feb 2001 to current year.

COOPERATION.--Grand Prairie Water Users Association.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 49.00 ft below land surface datum, Sep 08, 1995; lowest water level, 58.09 ft below land surface datum, Jan 12, 2011.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[Measurement method: V, calibrated electric tape--accuracy of instrument has been checked. Water-level status: --, static.]

Date	Water level	Measurement method	Water-level status	Date	Water level	Measurement method	Water-level status
Oct 13	57.78	V	--	May 10	57.17	V	--
Jan 12	58.09	V	--	Aug 25	57.34	V	--

Water year 2011 highest: 57.17, May 10, 2011; lowest: 58.09, Jan 12, 2011

Period of record highest: 49.00, Sep 8, 1995; lowest: 58.09, Jan 12, 2011

Record available from Sep 8, 1995, to Oct 5, 2011; 43 entries