



Water-Data Report 2011

**345559091514101, 04N08W33ABD1**

Mississippi River Valley alluvial aquifer  
Quaternary Alluvium

Lonoke County, AR

LOCATION.--Lat 34°55'59", long 91°51'41" referenced to North American Datum of 1983, in SE ¼ NW ¼ NE ¼ sec.33, T.4 N., R.8 W., Lonoke County, AR, Hydrologic Unit 08020301, and near Wattensaw.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 138 ft. Upper casing diameter 4 in; top of first opening 117 ft, bottom of last opening 138 ft.

DATUM.--Land-surface datum is 258 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of PVC casing, 1.44 ft above land-surface datum, May 1, 2008 to current year.

PERIOD OF RECORD.--Quarterly from May 2008 to current year.

COOPERATION.--Grand Prairie Water Users Association.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 85.22 ft below land surface datum, May 1, 2008; lowest water level, 91.79 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	90.38	V	--	May 10	90.99	V	--
Jan 12	91.79	V	--	Aug 25	91.14	V	--

Water year 2011 highest: 90.38, Oct 13, 2010; lowest: 91.79, Jan 12, 2011

Period of record highest: 85.22, May 1, 2008; lowest: 91.79, Jan 12, 2011

Record available from May 1, 2008, to Oct 5, 2011; 16 entries