

Water-Data Report 2011

**345553091512501, 04N08W33ADB1**

Mississippi River Valley alluvial aquifer  
Quaternary Alluvium

Lonoke County, AR

LOCATION.--Lat 34°55'53", long 91°51'25" referenced to North American Datum of 1983, in NW ¼ SE 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 173 ft. Upper casing diameter 18 in; top of first opening 142.4 ft, bottom of last opening 173 ft.

DATUM.--Land-surface datum is 257 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF VENT PIPE, 3.05 ft above land-surface datum, Jul 6, 2009 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, 94.49 ft below land surface datum, Jan 20, 2009; lowest water level, 104.36 ft below land surface datum, Aug 25, 2011.

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

[Measurement method: S, steel tape. Water-level status: --, static.]

Date	Water level	Measurement method	Water-level status	Date	Water level	Measurement method	Water-level status
Oct 14	100.89	S	--	May 10	104.04	S	--
Jan 12	100.05	S	--	Aug 25	104.36	S	--

Water year 2011 highest: 100.05, Jan 12, 2011; lowest: 104.36, Aug 25, 2011

Period of record highest: 94.49, Jan 20, 2009; lowest: 104.36, Aug 25, 2011

Record available from May 1, 2008, to Oct 5, 2011; 14 entries