

Water-Data Report 2011

345757091515401, 04N08W16DCC1

Mississippi River Valley alluvial aquifer
Quaternary Alluvium

Lonoke County, AR

LOCATION.--Lat 34°57'57", long 91°51'54" referenced to North American Datum of 1983, in SW ¼ SW ¼ SE ¼ sec.16, T.4 N., R.8 W., Lonoke County, AR, Hydrologic Unit 08020301, and near Wattensaw.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 155 ft. Upper casing diameter undefined; top of first opening undefined, bottom of last opening undefined.

DATUM.--Land-surface datum is 225 ft above National Geodetic Vertical Datum of 1929. Measuring point: Bottom of pipe, 2.53 ft above land-surface datum, Jul 28, 2008 to current year.

PERIOD OF RECORD.--Quarterly from Dec 2000 to current year.

COOPERATION.--Cabot Water.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 43.07 ft below land surface datum, Apr 30, 2001; lowest water level, 48.50 ft below land surface datum, Jul 7, 2009.

**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 14 | 48.34 | V | -- | May 10 | 48.16 | V | -- |
| Jan 12 | 48.28 | V | -- | Aug 25 | 48.45 | V | -- |

Water year 2011 highest: 48.16, May 10, 2011; lowest: 48.45, Aug 25, 2011

Period of record highest: 43.07, Apr 30, 2001; lowest: 48.50, Jul 7, 2009, Oct 5, 2011

Record available from Dec 5, 2000, to Oct 5, 2011; 46 entries