



Water-Data Report 2010

350234089515602 Local number Sh:L-103

Mississippi embayment aquifer system
Fort Pillow Sand of Wilcox Group
Shelby County, TN

LOCATION.--Lat 35°02'34", long 89°51'56" referenced to North American Datum of 1927, Shelby County, TN, Hydrologic Unit 08010211, on Hickory Hill Rd., 0.5 mile south of Hickory Hill Rd. and Winchester Rd. intersection. Owner: Memphis Light, Gas and Water Division, City of Memphis.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 12 in., depth 1,315 ft, cased to 1,276 ft, screened 1,276 to 1,315 ft.

DATUM.--Land-surface datum is 318 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing 2.80 ft above land-surface datum.

PERIOD OF RECORD.--October 1990 to current year. Periodic tape measurements the entire period of record.

GAGE.--Periodic measurements by USGS personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 135.45 ft below land-surface datum, Nov. 28, 1990; lowest recorded, 168.22 ft below land-surface datum, Sept. 3, 2008.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 28	162.55	Apr 26	154.51
Dec 4	159.36	Jun 7	155.84
Jan 6	157.14	30	157.25
Feb 3	156.31	Jul 27	158.75
Mar 4	155.42	Aug 25	160.27
Apr 2	154.54		

Water year 2010 highest: 154.51, Apr 26, 2010; lowest: 162.55, Oct 28, 2009