



Water-Data Report 2010

351430089573201 Local number Sh:P-197

Other aquifers
Terrace Deposits
Shelby County, TN

LOCATION.--Lat 35°14'30", long 89°57'32" referenced to North American Datum of 1927, Shelby County, TN, Hydrologic Unit 08010210, 30 ft south of aerators at Morton Pumping Station. Owner: Memphis Light, Gas and Water Division, City of Memphis.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 6 in., depth 80 ft, cased to 70 ft, screened 70 to 80 ft.

DATUM.--Land-surface datum is 301 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.40 ft above land-surface datum.

PERIOD OF RECORD.--January 1987 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, 53.73 ft below land-surface datum, June 25, 1991; lowest recorded 61.17 ft below land-surface datum, Oct. 11, 2000.

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

Date	Water level	Date	Water level
Oct 1	58.51	Apr 12	56.56
29	58.40	27	56.38
Dec 8	57.90	Jun 3	55.91
Jan 5	57.85	30	56.00
Feb 4	57.48	Jul 28	56.16
Mar 4	57.09	Aug 25	56.36

Water year 2010 highest: 55.91, Jun 3, 2010; lowest: 58.51, Oct 1, 2009