



Water-Data Report 2009

381541083340901 Local number (UF10A)

Mississippian aquifers
Nancy Member of Borden Formation
Fleming County, KY

LOCATION.--Lat 38°15'41", long 83°34'09" referenced to North American Datum of 1927, Fleming County, KY, Hydrologic Unit 05100101, Plummers Landing quadrangle, inside restricted area of the Maxey Flats Site, 200 ft south of site access gate. Owner: State of Kentucky.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 30.6 ft. Upper casing diameter 2 in; top of first opening 25.6 ft, bottom of last opening 30.6 ft.

DATUM.--Land-surface datum is 1,057.74 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2 in stainless steel casing, 2.13 ft above land-surface datum, July 24, 2003, to present.

PERIOD OF RECORD.--July 2003 to April 2009.

GAGE.--Quarterly measurement with chalked tape by USGS personnel.

REMARKS.--Maxey Flats Project monitoring well.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.86 ft below land-surface datum, Jul. 24, 2003; lowest measured, 28.57 ft below land-surface datum, Jan. 25, 2008.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level	Date	Water level
Oct 29, 2008	28.33	Apr 22, 2009	28.31
Jan 22, 2009	28.53		

Highest: 28.31 Apr 22, 2009

Lowest: 28.53 Jan 22, 2009