

Water-Data Report 2013

**375958085575401 Local number (HART NO 1)**

Alluvial aquifers  
Outwash

Hardin County, KY

LOCATION.--Lat 37°59'58", long 85°57'54" referenced to North American Datum of 1927, Hardin County, KY, Hydrologic Unit 05140104, Ft. Knox quadrangle, just west of West Point, KY, on south bank of Ohio River, 1000 ft north of gate on road to sewage treatment plant. Owner: Resident

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 100.3 ft. Upper casing diameter 1.5 in; top of first opening 97.3 ft, bottom of last opening 100.3 ft.

DATUM.--Land-surface datum is 429.61 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.27 ft above land-surface datum, Nov. 18, 1980, to present.

PERIOD OF RECORD.--November 1980 to current year.

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

REMARKS.--Ft. Knox project monitoring well, originally drilled for flood pulse study. Well affected by river stage.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.46 ft above land-surface datum, Mar. 21, 2011; lowest measured, 46.39 ft below land-surface datum, Oct. 19, 1988.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM**

<b>Date</b>	<b>Water level</b>	<b>Date</b>	<b>Water level</b>
Mar 22, 2013	30.40	Jun 18, 2013	37.11
May 1	36.25	Jul 26	38.33
20	37.41	Sep 30	44.83

Highest: 30.40, Mar 22, 2013

Lowest: 44.83, Sep 30, 2013