



Water-Data Report 2013

375918085591901 Local number (SMITH BROS/USGS)

Alluvial aquifers
Outwash

Hardin County, KY

LOCATION.--Lat 37°59'18", long 85°59'19" referenced to North American Datum of 1927, Hardin County, KY, Hydrologic Unit 05140104, Ft. Knox quadrangle, about 500 ft north of entrance gate to Smith farm, about 200 ft west of gravel road, in tree line. Owner: Resident

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 77 ft. Upper casing diameter 2.0 in; top of first opening 67 ft, bottom of last opening 77 ft.

DATUM.--Land-surface datum is 423.06 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.00 ft above land-surface datum, Aug. 26, 1997, to present.

PERIOD OF RECORD.--September 1997 to current year.

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

REMARKS.--Ft. Knox project monitoring well.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.76 ft above land-surface datum, May 19, 2011: lowest measured, 37.20 ft below land-surface datum, Nov. 03, 1997.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level	Date	Water level
Mar 22, 2013	30.45	Jun 17, 2013	32.32
Apr 30	30.83	Jul 24	31.92
May 20	31.25	Sep 30	34.81

Highest: 30.45, Mar 22, 2013

Lowest: 34.81, Sep 30, 2013