

Water-Data Report 2013

381638085415801 Local number (WC-4)

Alluvial aquifers
Outwash

Jefferson County, KY

LOCATION.--Lat 38°16'38", long 85°41'58" referenced to North American Datum of 1927, Jefferson County, KY, Hydrologic Unit 05140101, Jeffersonville quadrangle, at the northwest corner of River Road and Zorn Avenue, in Louisville. Owner: Louisville Water Company.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 100 ft. Upper casing diameter 4 in; top of first opening 98 ft, bottom of last opening 100 ft.

DATUM.--Land-surface datum is 435.79 ft above National Geodetic Vertical Datum of 1929. Measuring point: Floor of recorder shelf, 4.41 ft above land-surface datum, April 23, 1946, to present.

PERIOD OF RECORD.--April 1946 to current year.

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

REMARKS.--Water levels affected by Ohio River, which causes level to rise above land-surface, and nearby pumping. Water-quality sample collected July 10, 1979.

EXTREMES FOR PERIOD OF RECORD.--Highest water level observed, +3.71 ft above land-surface datum, Mar. 15, 1967; lowest, 19.61 ft below land-surface datum, Feb. 13, 1948.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level	Date	Water level
Oct 3, 2012	14.84	Apr 8, 2013	14.11
Feb 11, 2013	12.52	Jul 29	14.38

Highest: 12.52, Feb 11, 2013

Lowest: 14.84, Oct 3, 2012