



Water-Data Report 2013

381648085421201 Local number (WC-5)

Alluvial aquifers
Outwash

Jefferson County, KY

LOCATION.--Lat 38°16'48", long 85°42'12" referenced to North American Datum of 1927, Jefferson County, KY, Hydrologic Unit 05140101, Jeffersonville quadrangle, 200 ft west of Louisville Water Company pump house, 200 ft south of the Ohio River, 0.2 mi northwest of junction of River Road and Zorn Avenue, in Louisville. Owner: Louisville Water Company.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 98 ft. Upper casing diameter 4 in; top of first opening 96 ft, bottom of last opening 98 ft.

DATUM.--Land-surface datum is 435.11 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of plug hole, 2.21 ft above land-surface datum, Aug. 21, 1986, to present.

PERIOD OF RECORD.--May 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.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, +0.38 ft above land-surface datum, Feb. 10, 1950: lowest measured, 18.34 ft below land-surface datum, Feb. 3, 1948.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level	Date	Water level
Oct 3, 2012	13.94	Apr 8, 2013	13.20
Feb 11, 2013	13.18	Jul 29	13.55

Highest: 13.18, Feb 11, 2013

Lowest: 13.94, Oct 3, 2012