

Water-Data Report 2011

**381441085452701 Local number (Lib A-2)**

Alluvial aquifers  
Outwash

Jefferson County, KY

LOCATION.--Lat 38°14'41", long 85°45'27" referenced to North American Datum of 1927, Jefferson County, KY, Hydrologic Unit 05140101, Louisville West quadrangle, at the Louisville Free Public Library, 301 West York Street, on east side of building 200 ft west of 3rd St. in grass courtyard, in aluminum well shelter. Owner: City of Louisville.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 105.8 ft. Upper casing diameter 8 in; top of first opening undefined, bottom of last opening undefined.

DATUM.--Land-surface datum is 454.23 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 8 in casing, 1.00 ft above land-surface datum, Aug. 3, 1967, to present.

PERIOD OF RECORD.--August 1967 to current year.

GAGE.--Continuous recorder, 30 minute interval.

REMARKS.--Previously published water levels from 1937 to 1967 for this well are now under Site ID 381441085453001. Water-quality sample collected May 8, 1956.

EXTREMES FOR PERIOD OF RECORD.--Highest water level observed, 27.51 ft below land-surface datum, June 1, 1997; lowest, 63.37 ft below land-surface datum, Aug. 3, 1967.

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**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**  
**DAILY OBSERVATION AT 1200 HOURS**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	31.06	31.19	31.25	30.96	30.73	30.74	30.32	30.03	29.43	29.58	---	---
2	31.02	31.18	31.27	31.00	30.85	30.71	30.36	30.04	29.42	29.60	---	---
3	31.06	31.13	31.24	30.97	30.89	30.70	30.34	30.00	29.40	29.59	---	---
4	31.06	31.08	31.18	30.92	30.80	30.68	30.27	29.98	29.40	29.60	---	---
5	31.05	31.14	31.24	30.91	30.70	30.61	30.35	29.93	29.42	29.62	---	---
6	31.01	31.22	31.22	30.87	30.75	30.68	30.33	29.87	29.41	29.63	---	---
7	31.00	31.24	31.20	30.84	30.72	30.69	30.30	29.84	29.42	29.64	---	---
8	31.02	31.18	31.21	30.91	30.81	30.64	30.27	29.80	29.42	29.62	---	---
9	31.03	31.17	31.20	30.98	30.77	30.57	30.28	29.75	29.44	29.68	---	---
10	31.02	31.20	31.15	30.94	30.75	30.60	30.26	29.72	29.44	29.72	---	---
11	31.01	31.23	31.12	30.86	30.73	30.59	30.26	29.71	29.46	29.74	---	---
12	31.04	31.22	31.08	30.92	30.75	30.56	30.28	29.70	29.49	29.78	---	---
13	31.08	31.16	31.15	30.93	30.69	30.61	30.28	29.66	29.49	29.81	---	---
14	31.09	31.18	31.17	30.88	30.71	30.58	30.24	29.63	29.49	29.83	---	---
15	31.06	31.16	31.12	30.83	30.76	30.52	30.22	29.61	29.42	29.85	---	---
16	31.09	31.10	31.06	30.86	30.69	30.54	30.19	29.60	29.46	29.89	---	---
17	31.05	31.25	31.13	30.82	30.69	30.51	30.24	29.56	29.48	29.92	---	---
18	31.04	31.28	31.10	30.80	30.71	30.50	30.20	29.54	29.49	29.93	---	---
19	31.06	31.29	31.09	30.85	30.75	30.54	30.18	29.53	29.46	29.94	---	---
20	31.06	31.30	31.09	30.81	30.68	30.47	30.27	29.51	29.49	29.91	---	---
21	31.07	31.28	31.05	30.84	30.64	30.43	30.29	29.48	29.50	30.04	---	---
22	31.11	31.24	31.07	30.80	30.76	30.40	30.17	29.45	29.52	---	---	---
23	31.10	31.27	31.11	30.84	30.75	30.36	30.17	29.42	29.48	---	---	---
24	31.08	31.25	31.06	30.79	30.68	30.46	30.17	29.42	29.50	---	---	---
25	31.06	31.19	31.03	30.78	30.74	30.40	30.13	29.37	29.54	---	---	---
26	31.04	31.26	31.02	30.77	30.69	30.38	30.12	29.37	29.54	---	---	---
27	31.13	31.29	31.04	30.77	30.65	30.41	30.09	29.38	29.52	---	---	---
28	31.18	31.30	31.01	30.78	30.65	30.41	30.13	29.33	29.54	---	---	---
29	31.19	31.28	30.99	30.76	---	30.41	30.10	29.34	29.55	---	---	---
30	31.12	31.22	30.96	30.78	---	30.36	30.04	29.40	29.57	---	---	---
31	31.13	---	30.95	30.78	---	30.34	---	29.42	---	---	---	---
<b>Max</b>	31.19	31.30	31.27	31.00	30.89	30.74	30.36	30.04	29.57	30.04	---	---
<b>Min</b>	31.00	31.08	30.95	30.76	30.64	30.34	30.04	29.33	29.40	29.58	---	---

Water Year 2011	
<b>High</b>	29.33
<b>Low</b>	31.30

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