

Table 1. Construction details, location, water levels, and period of record for wells in the northeast portion of the alluvial aquifer at Louisville, Kentucky, as stored in the U.S. Geological Survey Ground-Water Site-Inventory (GWSI) database.

[DMS, degrees minutes seconds; ft, feet; bls, below land surface; in., inches; --, not available]

Map number on figure 3	Site identification number	North latitude ¹ (DMS)	West longitude ¹ (DMS)	Land surface elevation ² (ft)	Depth of well (ft bls)	Initial water-level measurement (ft bls)	Casing inside diameter (in.)	Construction date	Period of record	Number of water level records
1	381603085424701	38°16'03"	85°42'47"	429.7	26.1	15.16	1.25	January 1944	January 1944	1
2	381604085430501	38°16'04"	85°43'05"	438.88	102	31	4.00	April 1946	April 1946-October 1996	608
3	381613085421901	38°16'13"	85°42'19"	434.59	86	15	4.00	June 1946	June 1946-May 1992	189
4	381613085422801	38°16'13"	85°42'28"	433.66	60.2	13.16	2.00	1995	March 2001-August 2005	12
5	381614085431201	38°16'14"	85°43'12"	429.11	90.6	6.0	4.00	April 1946	April 1946-November 1950	8
6	381618085425901	38°16'18"	85°42'59"	427.52	27	9.19	1.25	January 1944	January 1944	1
7	381622085423401	38°16'22"	85°42'34"	432.78	102.2	13.77	4.00	May 1946	May 1946	1
8	381630085414901	38°16'30"	85°41'49"	428	94	8.01	4.00	April 1946	April 1948	1
9	381632085424301	38°16'32"	85°42'43"	422.7	89	6.6	4.00	May 1946	May 1946	1
10	381638085415801	38°16'38"	85°41'58"	435.79	104	15.85	4.00	1946	April 1946-August 2005	668
11	381640085422801	38°16'40"	85°42'28"	428	25.1	9.17	1.25	January 1944	January 1944	1
12	381644085421101	38°16'44"	85°42'11"	433	95.2	13.44	4.00	June 1946	June 1946	1
13	381645085421201	38°16'45"	85°42'12"	434.4	97	14.37	4.00	June 1946	June 1946	1
14	381645085422001	38°16'45"	85°42'20"	425.7	91	5.96	4.00	June 1946	June 1946	1
15	381646085421801	38°16'46"	85°42'18"	425.8	91	6	4.00	July 1946	July 1946	1
16	381647085421201	38°16'47"	85°42'12"	430	94.2	10.39	4.00	July 1946	July 1946	1
17	381647085421202	38°16'47"	85°42'12"	430.4	33.5	10.98	1.25	July 1946	July 1946	1
18	381647085421601	38°16'47"	85°42'16"	425.9	28.3	7	1.25	July 1946	July 1946	1
19	381647085421603	38°16'48"	85°42'16"	425.9	90.5	6.28	4.00	July 1946	July 1946	1
20	381648085412701	38°16'48"	85°41'27"	434.5	29.9	15.27	1.25	February 1944	February 1944	1
21	381648085421201	38°16'48"	85°42'12"	435.11	98	15.06	4.00	April 1946	April 1946-August 2005	352
22	381648085421301	38°16'48"	85°42'13"	425.7	90	6.32	12.00	September 1946	September 1946	1
23	381648085421302	38°16'48"	85°42'13"	425.7	53.2	6.17	1.25	July 1946	July 1946	1
24	381648085421303	38°16'48"	85°42'13"	425.7	95.2	5.75	4.00	June 1946	June 1946	1
25	381648085421401	38°16'48"	85°42'14"	420.6	87	1.07	4.00	July 1946	July 1946	1
26	381648085421402	38°16'48"	85°42'14"	420.6	36.9	1.11	1.25	July 1946	July 1946	1
27	381649085421101	38°16'49"	85°42'11"	425.7	90	6.23	4.00	July 1946	July 1946	1
28	381649085421102	38°16'49"	85°42'11"	425.7	26.7	6.27	1.25	July 1946	July 1946	1
29	381650085421101	38°16'50"	85°42'11"	425.3	91	6.65	4.00	July 1946	July 1946	1
30	381650085421102	38°16'50"	85°42'11"	425.3	26.5	6.85	1.25	July 1946	July 1946	1
31	381650085421501	38°16'50"	85°42'15"	409	72	10.66	4.00	October 1946	October 1946	1

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[DMS, degrees minutes seconds; ft, feet; bls, below land surface; in., inches; --, not available]

Map number on figure 3	Site identification number	North latitude ¹ (DMS)	West longitude ¹ (DMS)	Land surface elevation ² (ft)	Depth of well (ft bls)	Initial water-level measurement (ft bls)	Casing inside diameter (in.)	Construction date	Period of record	Number of water level records
32	381650085421502	38°16'50"	85°42'15"	409	42.4	10.83	1.25	October 1946	October 1946	1
33	381651085420301	38°16'51"	85°42'03"	448.8	90	26.04	6.00	1979	January 1980	1
34	381651085420701	38°16'51"	85°42'07"	424.2	88.3	4.4	4.00	June 1946	June 1946	1
35	381651085420702	38°16'51"	85°42'07"	424.2	16	2.6	4.00	October 1946	October 1946	1
36	381652085420201	38°16'52"	85°42'02"	448.8	90	24.6	6.00	1979	January 1980	1
37	381652085420301	38°16'52"	85°42'03"	448	110	26.25	30.00	1979	January 1980	1
38	381652085420302	38°16'52"	85°42'03"	449	107.3	26.32	6.00	1979	January 1980	1
39	381652085421501	38°16'52"	85°42'15"	388.8	87.1	30.62	6.50	October 1946	October 1946	1
40	381653085413302	38°16'53"	85°41'33"	437.65	90	18.32	1.50	December 1979	December 1979-August 2005	121
41	381653085420301	38°16'53"	85°42'03"	448.1	109.2	25.44	6.00	1979	January 1980	1
42	381653085421701	38°16'53"	85°42'17"	386	87.88	33.41	6.50	October 1946	October 1946	1
43	381654085413301	38°16'54"	85°41'33"	438	104	17.9	4.50	May 1946	May 1946-October 1980	189
44	381701085414002	38°17'01"	85°41'40"	432.58	96	12.3	1.50	May 1979	May 1979-August 2005	105
45	381702085414001	38°17'02"	85°41'40"	427.46	96	7.6	4.00	May 1946	May 1946-October 1981	175
46	381710085404501	38°17'10"	85°40'45"	437.66	74.5	15.5	4.00	June 1946	June 1946	1
47	381711085410501	38°17'11"	85°41'05"	443.79	40.5	24.1	36.00	1944	August 1944	1
48	381712085405201	38°17'12"	85°40'52"	443.36	36.4	23.89	30.00	January 1944	January 1944	1
49	381722085405801	38°17'22"	85°40'58"	433.5	103	17.51	4.00	May 1946	May 1946-May 1992	252
50	381738085402301	38°17'38"	85°40'23"	442	28.4	16.77	1.25	February 1944	February 1944	1
51	381742085402001	38°17'42"	85°40'20"	438.87	106	25.65	4.00	June 1946	June 1946-August 2005	229
52	381827085392401	38°18'27"	85°39'24"	455.94	130	36.35	4.00	July 1946	July 1946-August 2005	236
53	381904085384801	38°19'04"	85°38'48"	438.46	96	19.12	4.00	August 1946	August 1946-August 2005	223
54	381930085381401	38°19'30"	85°38'14"	442	47.7	19.17	6.00	--	August 1943	1
55	381934085375501	38°19'34"	85°37'55"	462	78	32.48	6.00	--	October 1962	1

¹Horizontal reference, North American Datum 1927 (NAD 27).

²Elevation reference, National Geodetic Vertical Datum of 1929 (NGVD 29).