

Prepared in cooperation with the Commonwealth of Kentucky and other agencies

Water Resources Data Kentucky Water Year 2004



Water-Data Report KY-04-1



U.S. Department of the Interior
U.S. Geological Survey

Calendar for Water Year 2004

2003

October							November							December						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
			1	2	3	4							1		1	2	3	4	5	6
5	6	7	8	9	10	11	2	3	4	5	6	7	8	7	8	9	10	11	12	13
12	13	14	15	16	17	18	9	10	11	12	13	14	15	14	15	16	17	18	19	20
19	20	21	22	23	24	25	16	17	18	19	20	21	22	21	22	23	24	25	26	27
26	27	28	29	30	31		23	24	25	26	27	28	29	28	29	30	31			
							30													

2004

January							February							March						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3	1	2	3	4	5	6	7		1	2	3	4	5	6
4	5	6	7	8	9	10	8	9	10	11	12	13	14	7	8	9	10	11	12	13
11	12	13	14	15	16	17	15	16	17	18	19	20	21	14	15	16	17	18	19	20
18	19	20	21	22	23	24	22	23	24	25	26	27	28	21	22	23	24	25	26	27
25	26	27	28	29	30	31	29							28	29	30	31			
April							May							June						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3							1			1	2	3	4	5
4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12
11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19
18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26
25	26	27	28	29	30		23	24	25	26	27	28	29	27	28	29	30			
							30	31												
July							August							September						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3	1	2	3	4	5	6	7				1	2	3	4
4	5	6	7	8	9	10	8	9	10	11	12	13	14	5	6	7	8	9	10	11
11	12	13	14	15	16	17	15	16	17	18	19	20	21	12	13	14	15	16	17	18
18	19	20	21	22	23	24	22	23	24	25	26	27	28	19	20	21	22	23	24	25
25	26	27	28	29	30	31	29	30	31					26	27	28	29	30		

Water Resources Data Kentucky Water Year 2004

By Dennis L. McClain, Clifford R. Moses, and Roy S. Darnell

Water-Data Report KY-04-1



Prepared in cooperation with the
Commonwealth of Kentucky and other agencies

U.S. Department of the Interior
U.S. Geological Survey



U.S. Department of the Interior

Gale A. Norton, Secretary

U.S. Geological Survey

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PREFACE

This volume of the annual hydrologic data report of Kentucky is one of a series of annual reports that document hydrologic data gathered from the U.S. Geological Survey's surface- and ground-water data-collection networks in each State, Puerto Rico, and the Trust Territories. These records of streamflow, ground-water levels, and water quality provide the hydrologic information needed by State, local, and Federal agencies and the private sector for developing and managing our Nation's land and water resources.

This report is the culmination of a concerted effort by dedicated personnel of the U.S. Geological Survey (USGS) who collected, compiled, analyzed, verified, and organized the data, and who typed, edited, and assembled the report. The authors had primary responsibility for assuring that the information contained herein is accurate, complete, and adheres to USGS policy and established guidelines. Most of the data were collected, computed, and processed from the USGS Kentucky Water Science Center and field offices.

The data were collected, computed, and processed by the following personnel:

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13. ABSTRACT (Maximum 200 words) Water resources data for the 2004 water year for Kentucky consist of records of stage, discharge, and water-quality of streams and lakes; and water levels of wells. This report includes daily discharge records for 131 stream-gaging stations. It also includes water-quality data for 15 stations sampled at regular intervals, continuous temperature at 7 stations, and continuous water-quality at 11 stations. Ground-water levels are published for 8 recording and 22 partial record sites. Precipitation data at a regular interval are published for two sites. Additional water data were collected at various sites not involved in the systematic data-collection program and are published as miscellaneous measurements and analyses. These data represent that part of the National Water Data System operated by the U.S. Geological Survey and cooperating State and Federal agencies in Kentucky.					
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**SURFACE-WATER STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE
PUBLISHED IN THIS VOLUME**

[Letters after station name designate type of data: (d) discharge, (g) stage, (c) chemical,
(b) biological, (t) water temperature, (s) sediment, (r) recorder]

Page

STATION NUMBER

OHIO RIVER BASIN

Ohio River:

BIG SANDY RIVER BASIN

Levisa Fork (head of Big Sandy River):

Grapevine Creek near Phyllis (d)	03207965	.52
Levisa Fork at Pikeville (d)	03209500	.56
Johns Creek near Meta (d)	03210000	.58
Levisa Fork at Paintsville (d)	03212500	.60

LITTLE SANDY RIVER BASIN

Little Sandy River at Grayson (d)	03216500	.62
Ohio River at Greenup Dam (c, d)	03216600	.64

TYGARTS CREEK BASIN

Tygarts Creek near Greenup (d)	03217000	.74
--	--------------------	-----

KINNICONICK CREEK BASIN

Kinniconick Creek below Trace Creek at Tannery (d)	03237255	.76
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Twelvemile Creek Basin:

Twelvemile Creek at Highway 1997 near Alexandria (c, d)	03238745	.78
---	--------------------	-----

FOUR MILE CREEK BASIN

Four Mile Creek at Poplar Ridge Road near Alexandria (c, d)	03238772	.90
---	--------------------	-----

LICKING RIVER BASIN

Licking River below Mason Fork near Salyersville (d)	03248300	102
Licking River at Farmers (d)	03249500	104
Licking River at Hwy 60 at Farmers (d)	03249505	106
Slate Creek at Highway 713 near Mount Sterling (d)	03250190	108

Fox Creek:

Rock Lick Creek above Unnamed Tributary near Sharkey (d)	03250310	110
Rock Lick Creek at State Highway 158 near Sharkey (d)	03250322	112
Licking River near Blue Lick Springs (d)	03250500	114
North Fork Licking River near Mt. Olivet (d)	03251200	116
Licking River at Mckinneysburg (d)	03251500	118

South Fork Licking River:

Hinkston Creek near Carlisle (d)	03252300	120
Licking River at Catawba (d)	03253500	122
Cruises Creek at Highway 17 near Piner (c, d)	03254480	124
Banklick Creek at Hwy 1829 near Erlanger (c, d)	03254550	136

ELIJAHS CREEK BASIN

Elijahs Creek at Elijahs Creek Road near Hebron (c, d)	03260100	148
--	--------------------	-----

WOOLPER CREEK BASIN

Woolper Creek at Woolper Road near Burlington (c, d)	03262001	160
--	--------------------	-----

GUNPOWDER CREEK BASIN

Gunpowder Creek at Camp Ernst Road near Union (c, d)	03277075	172
--	--------------------	-----

MUD LICK CREEK BASIN

Mud Lick Creek at Highway 42 near Beaverlick (c, d)	03277130	184
Ohio River at Markland Dam (d)	03277200	196

KENTUCKY RIVER BASIN

North Fork Kentucky River (head of Kentucky River):

North Fork Kentucky River at Whitesburg (d)	03277300	198
North Fork Kentucky River at Jackson (d)	03280000	200

Middle Fork Kentucky River:

Cutshin Creek at Wooton (d)	03280700	202
Middle Fork Kentucky River at Tallega (d)	03281000	204

Kentucky River:

Goose Creek at Manchester (d)	03281100	206
South Fork Kentucky River at Booneville (d)	03281500	208
Kentucky River at Lock 14 at Heidelberg (d)	03282000	210
Sturgeon Creek at Cressmont (d)	03282040	212
Kentucky River at Lock 12 near Irvine (d)	03282120	214
Kentucky River at Lock 11 near College Hill (d)	03282290	222

**SURFACE-WATER STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE
PUBLISHED IN THIS VOLUME--Continued**

[Letters after station name designate type of data: (d) discharge, (g) stage, (c) chemical,
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Page

STATION NUMBER

OHIO RIVER BASIN--Continued

Ohio River--Continued

KENTUCKY RIVER BASIN--Continued

Red River near Hazel Green (d)	03282500	224
Red River at Clay City (d)	03283500	226
Kentucky River at Lock 10 near Winchester (d)	03284000	228
Kentucky River at Lock 9 at Valley View (d)	03284230	230
Kentucky River at Lock 8 near Camp Nelson (d)	03284500	232
East Hickman Creek:		
East Hickman Creek at Andover Village near Cadentown (d)	03284520	238
East Hickman Creek Tributary at Chilesburg Road near Lexington (d)	03284525	240
East Hickman Creek at Delong Road near East Hickman (d)	03284530	242
West Hickman Creek at Ash Grove Pike near East Hickman (d)	03284555	244
Dix River near Danville (d)	03285000	246
Kentucky River at Lock 7 near High Bridge (d)	03286500	248
Kentucky River at Lock 6 near Salvisa (d)	03287000	250
Kentucky River at Lock 4 at Frankfort (c, d)	03287500	252
Elkhorn Creek:		
North Elkhorn Creek at Bryant Road near Cadentown (d)	03287580	262
North Elkhorn Creek at Winchester Road near Lexington (d)	03287590	264
North Elkhorn Creek at Bryan Station Road at Montrose (d)	03287600	266
North Elkhorn Creek at Georgetown (d)	03288100	268
Royal Spring at Georgetown (d)	03288110	270
Cane Run at Berea Road near Donerail (d)	03288200	272
South Elkhorn Creek at Fort Springs (d)	03289000	274
Town Branch:		
Wolf Run at Old Frankfort Pike at Lexington (d)	03289193	276
Town Branch at Yarnallton Road at Yarnallton(d)	03289200	279
South Elkhorn Creek near Midway (d)	03289300	282
Elkhorn Creek near Frankfort (d)	03289500	284
Kentucky River at Lock 2 at Lockport (d)	03290500	286
Eagle Creek at Glencoe (d)	03291500	288
HARRODS CREEK BASIN		
Harrods Creek at Hwy 329 near Goshen (d)	03292470	290
GOOSE CREEK BASIN		
Goose Creek at Old Westport Road near St. Matthews (d)	03292474	292
Goose Creek at Highway 42 at Glenview Acres (d)	03292475	294
Little Goose Creek near Harrods Creek (d)	03292480	296
BEARGRASS CREEK BASIN		
South Fork Beargrass Creek at Louisville (d)	03292500	298
South Fork Beargrass Creek at Winter Avenue at Louisville (d)	03292550	300
Middle Fork Beargrass Creek at Louisville (d)	03293000	302
Middle Fork Beargrass Creek at Lexington Road at Louisville (d)	03293500	304
Ohio River at Louisville (d)	03294500	308
MILL CREEK BASIN		
Mill Creek Cutoff near Louisville (d)	03294550	310
Mill Creek at Orell Road near Louisville (d)	03294570	312
SALT RIVER BASIN		
Salt River at Glensboro (d)	03295400	314
Brashears Creek:		
Bullskin Creek near Simpsonville (d)	03295702	316
Brashears Creek at Taylorsville (d)	03295890	318
Cedar Creek at Highway 1442 near Sheperdsville (d)	03297800	320
Floyds Fork near Pewee Valley (d)	03297900	322
Floyds Fork at Fisherville (d)	03298000	324
Chenoweth Run at Ruckriegal Parkway near Jeffersontown (d)	03298135	326
Chenoweth Run at Gelhaus Lane near Fern Creek (d)	03298150	328
Floyds Fork at Bardstown Road near Mount Washington (d)	03298200	330

**SURFACE-WATER STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE
PUBLISHED IN THIS VOLUME--Continued**

[Letters after station name designate type of data: (d) discharge, (g) stage, (c) chemical,
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Page

STATION NUMBER

OHIO RIVER BASIN--Continued	
Salt River Basin--Continued	
Pennsylvania Run at Mt. Washington Road near Louisville (d)	03298300 332
Salt River at Shepherdsville (d)	03298500 334
Long Lick near Clermont (d)	03298550 336
Rolling Fork:	
Beech Fork at Maud (d)	03300400 338
Beech Fork at Bardstown (d)	03301000 340
Rolling Fork near Boston (d)	03301500 342
Mill Creek near Fort Knox (d)	03301700 344
Pond Creek:	
Southern Ditch:	
Northern Ditch:	
Fern Creek at Old Bardstown Road at Louisville (d)	03301900 346
Northern Ditch at Okolona (d)	03301940 348
Pond Creek near Louisville (d)	03302000 350
Pond Creek at Pendleton Road near Louisville (d)	03302030 352
Brier Creek at Pendleton Road near Louisville (d)	03302050 354
OTTER CREEK BASIN	
Otter Creek at Otter Creek Park near Rock Haven (d)	03302110 356
Sinking Creek near Lodiburg (c, d)	03303205 358
Ohio River at Cannelton Dam (c, d)	03303280 368
GREEN RIVER BASIN	
Green River near Campbellsville (t)	03306000 378
Green River at Greensburg (t)	03306500 380
Russell Creek near Columbia (d, t)	03307000 382
Green River at Munfordville (d,t)	03308500 386
Green River at Mammoth Cave (c, d)	03309000 390
Nolin River at White Mills (d)	03310300 402
Nolin River at Kyrock (d)	03311000 404
Green River at Lock 6 at Brownsville (t)	03311500 408
Barren River:	
Barren River near Finney (t)	03313000 410
West Fork Drakes Creek near Franklin (d)	03313700 412
Barren River at Bowling Green (d)	03314500 414
Green River at Paradise (d)	03316500 416
Rough River near Falls of Rough at Dam(t)	03318010 418
Rough River near Dundee (d)	03319000 420
Green River at Lock 2 at Calhoun (d)	03320000 422
Pond River near Apex (d)	03320500 424
Pond River near Madisonville (g)	03321060 426
WABASH RIVER BASIN	
Wabash River at New Harmony, IN (c)	03378500 428
TRADEWATER RIVER BASIN	
Tradewater River at Olney (d)	03383000 438
Ohio River at Smithland Dam (d)	03399800 440
CUMBERLAND RIVER BASIN	
CUMBERLAND RIVER:	
Martins Fork Lake at Martins Fork Dam near Smith (c,t)	03400798 442
Martins Fork near Smith (c,d,t)	03400800 470
Cumberland River near Harlan (d)	03401000 480
Yellow Creek near Middlesboro (d)	03402000 482
Cumberland River at Pine St. Bridge at Pineville (d)	03402900 484
Cumberland River at Barbourville (d)	03403500 486
Clear Fork at Saxton (d)	03403910 488
Cumberland River at Williamsburg (d)	03404000 490
Cumberland River at Cumberland Falls (d)	03404500 492

**SURFACE-WATER STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE
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[Letters after station name designate type of data: (d) discharge, (g) stage, (c) chemical,
(b) biological, (t) water temperature, (s) sediment, (r) recorder]

Page

STATION NUMBER

OHIO RIVER BASIN--Continued

CUMBERLAND RIVER BASIN--Continued

Laurel River:

Lynn Camp Creek at Corbin (d)	03404900	494
Rockcastle River at Billows (d)	03406500	496
South Fork Cumberland River near Stearns (c,d)	03410500	498
South Fork Cumberland River near Yamacraw (c,d)	03410600	508
Beaver Creek near Monticello (d)	03413200	518
Little River near Cadiz (d)	03438000	520
Cumberland River at Smithland (c)	03438500	531

TENNESSEE RIVER BASIN

Tennessee River at Hwy 60 near Paducah (c)	03609750	535
Clarks River at Almo (d).	03610200	540

MASSAC CREEK BASIN

Massac Creek near Paducah (d)	03611260	542
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Ohio River at Metropolis, IL (d).	03611500	544
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BAYOU CREEK BASIN

Bayou Creek near Heath (d)	03611800	546
Bayou Creek near Grahamville (d)	03611850	548
Little Bayou Creek near Grahamville (d)	03611900	550

Ohio River at Lock and Dam 53 near Grand Chain, IL (c)	03612500	552
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LOWER MISSISSIPPI RIVER BASIN

BAYOU DE CHEIN BASIN:

Bayou De Chein near Clinton (d)	07024000	562
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GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED GROUND-WATER LEVELS

GRAVES COUNTY

Well 365210088391301 (Viola) (r)	621
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JEFFERSON COUNTY

Well 381441085452701 (Lib A-2) (r)	622
Well 381504085443202 (CP-7A)	623
Well 381518085453402 (Courthouse Annex) (r)	624
Well 381613085422801 (Edith Ln. Landfill)	625
Well 381638085415801 (WC-4)	625
Well 381648085421201 (WC-5)	625
Well 381653085413302 (WC-9A) (r)	626
Well 381701085414002 (WC-8A) (r)	627
Well 381742085402001 (WC-13)	628
Well 381827085392401 (WC-26)	628
Well 381904085384801 (WC-27)	628
Well 381958085380201 (Thompson Well)	629
Well 382007085373801 (Bird Man)	629
Well 382016085382601 (LWC-P-4)	629
Well 382026085374301 (Little Dean)	630
Well 382032085375601 (Staples)	630
Well 382034085381201 (LWC-P-1)	630
Well 382037085381101 (LWC-P-2)	631
Well 382038085382001 (Scott)	631
Well 382039085375201 (WP-7) (r)	632
Well 382051085380801 (LWC-1) (r)	633
Well 382053085381301 (LWC-3B)	634
Well 382054085380602 (LWC-7A)	634
Well 382057085380801 (LWC-2B)	634
Well 382058085373501 (Shirley Avenue)	635
Well 382102085380701 (WP-19)	635
Well 382105085375101 (Hays-Kennedy) (r)	636
Well 382120085374701 (River Fields)	637
Well 382124085375401 (Abell)	637

PRECIPITATION STATION, BY COUNTY FOR WHICH RECORD IS PUBLISHED

JEFFERSON COUNTY

381353085401801 Seneca Park 638

ROWAN COUNTY, KENTUCKY

390706083324900 Clark State Fish Hatchery. 640

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