

INDEX

Page	Page		
Access to USGS Water Data	26	Catawba, Licking River at	122,123
Alexandria,		Cedar Creek at Highway 1442 near Shepherdsville	320,321
Four Mile Creek at Poplar Ridge Road near	90-100	Chenoweth Run,	
Twelvemile Creek at Hwy 1997 near	78-88	at Gelhaus Lane near Fern Creek	328,329
Almo, Clarks River at	540,541	at Ruckriegal Pkwy near Jeffersontown	326,327
Apex, Pond River near	424,425	Clarks River at Almo	540,541
Banklick Creek at Hwy 1829 near Erlanger	136-146	Clay City, Red River at	226,227
Barbourville, Cumberland River at	486,487	Clear Fork at Saxton	488,489
Bardstown, Beech Fork at	340,341	Clermont, Long Lick at	336,337
Barren River at Bowling Green	414,415	Clinton, Bayou de Chien near	562,563
Barren River near Finney	410,411	College Hill, Kentucky River at Lock 11 near	222,223
Bayou Creek Basin,		Columbia, Russell Creek near	382-385
gaging-station records in	546-551	Cooperation	1,2
Bayou Creek,		Corbin, Lynn Camp Creek at	494,495
near Grahamville	548,549	Cressmont, Sturgeon Creek at	212,213
near Heath	546,547	Cruises Creek at Hwy 17 near Piner	124-134
Bayou de Chien Basin,		Cumberland Falls, Cumberland River at	492,493
gaging-station records in	562,563	Cumberland River,	
Bayou de Chien near Clinton	562,563	at Barbourville	486,487
Beargrass Creek Basin,		at Cumberland Falls	492,493
crest-stage partial-record stations in	564	at Pine Street Bridge at Pineville	484,485
gaging-station records in	298-307	at Smithland	531-534
Beargrass Creek,		at Williamsburg	490,491
Middle Fork, at Lexington Road at Louisville	304-307	near Harlan	480,481
Middle Fork, at Louisville	302,303	South Fork, at Yamacraw	508-516
South Fork, at Louisville	298,299	South Fork, near Stearns	498-506
South Fork, at Winter Avenue at Louisville	300,301	Cumberland River Basin,	
Beaver Creek near Monticello	518,519	gaging-station records in	442-534,580-617
Beaverlick, Mud Lick Creek at Hwy 42 near	184-194	Cutshin Creek at Wooton	202,203
Beech Fork at Bardstown	340,341	Danville, Dix River near	246,247
Beech Fork at Maud	338,339	Definition of terms	27-46
Big Sandy River Basin,		Discontinued records, gaging station	642-661
gaging-station records in	54-61	ground water	659-661
Billows, Rockcastle River at	496,497	surface-water	642-649
Blue Lick Springs, Licking River at	114,115	water-quality	650-658
Bowling Green, Barren River at	414,415	Dix River near Danville	246,247
Booneville, South Fork Kentucky River at	208,209	Donerail, Cane Run at Berea Road near	272,273
Boston, Rolling Fork near	342,343	Downstream order and station number	6
Brashears Creek at Taylorsville	318,319	Dundee, Rough River near	420,421
Brier Creek at Pendleton Road near Louisville	354,355	Eagle Creek at Glencoe	288,289
Brownsville, Green River at Lock 6 at	408,409	East Hickman, West Hickman Creek at Ash Grove	
Bullskin Creek near Simpsonville	316,317	Pike near	244,245
Burlington, Woolper Creek at Woolper Road near	160-170	East Hickman Creek,	
Cadentown,		at Andover Village near Cadentown	238,239
East Hickman Creek at Andover Village near	238,239	at Delong Road near East Hickman	242,243
North Elkhorn Creek at Bryant Road near	262,263	East Hickman Creek Tributary at Chilesburg Road near	
Cadiz, Little River near	520-530	Lexington	240,241
Calhoun, Green River at Lock 2 at	422,423	Elijahs Creek Basin,	
Campbellsville, Green River near	378,379	gaging-station records in	148-158
Camp Nelson, Kentucky River at Lock 8 near	232-237	Elijahs Creek at Elijahs Creek Road near Hebron	148-158
Cane Run at Berea Road near Donerail	272,273	Elkhorn Creek near Frankfort	284,285
Cannelton Dam, Ohio River at	368-377	Erlanger, Banklick Creek at Hwy 1829 near	136-146
Carlisle, Hinkston Creek near	120,121		

INDEX

	Page		Page
Explanation,		Frankfort,	
of ground-water level records	23-25	Elkhorn Creek near.....	284,285
Data Collection and Computation.....	23,24	Kentucky River at Lock 4 at	252-260
Data Presentation	24,25	Four Mile Creek at Poplar Ridge Road near Alexandria.....	90-100
Hydrographs.....	25	Four Mile Creek Basin,	
Site Identification Numbers	23	gaging-stations records in.....	90-100
Water-level Tables	25	Franklin, West Fork Drakes Creek near.....	412,413
of precipitation records.....	16		
Data Collection and Presentation.....	16	Gaging-station records,	
Data Presentation	16	crest-stage partial-records stations	564,565
of precipitation quality records.....	16	discontinued	642-661
Data Presentation	16	surface-water stations	642-649
of stage and water discharge records.....	9-16	Georgetown,	
Accuracy of Field Data and Computed Results.....	15	North Elkhorn Creek at	268,269
Data Collection and Computation.....	9-11	Royal Springs at	270,271
Data Presentation	11-15	Glencoe, Eagle Creek at.....	288,289
Data Table of Daily Mean Values	12,13	Glensboro, Salt River at.....	314,315
Identifying Estimated Daily Discharge.....	15	Glenview Acres, Goose Creek at Hwy 42 at	294,295
Other Data Records Available	15,16	Goose Creek at Hwy 42 at Glenview Acres	294,295
Peak Discharge Greater than Base Discharge.....	12	Goose Creek Basin, (tributary to the Ohio River)	
Station Manuscript.....	11,12	gaging-station records in	292-297
Statistics of Monthly Mean Data	13	Goose Creek (tributary to Ohio River)	
Summary Statistics	13-15	at Old Westport Road near St. Matthews	292,293
of surface water-quality records	17-23	Goose Creek (tributary to South Fork	
Accuracy of the Records	18	Kentucky River) at Manchester	206,207
Arrangements of Records	18	Goshen, Harrods Creek at Highway 329 near	290,291
Blank Samples	22	Grahamville,	
Classification of Records	17,18	Bayou Creek near	548,549
Data Presentation	20,21	Little Bayou Creek near	550,551
Laboratory Measurements	19	Grand Chain, Ill., Ohio River at Lock and Dam 53 near	552-560
On-site Measurements and Sample Collection.....	18,19	Grapevine Creek near Phyllis	54,55
Reference Samples.....	22	Graves County, ground-water levels	621
Remarks Codes	21	Grayson, Little Sandy River at.....	62,63
Replicate Samples.....	22,23	Green River,	
Sediment	19	at Lock 6 at Brownsville	408,409
Spike Samples.....	23	at Lock 2 at Calhoun	422,423
Water Analysis.....	17	at Greensburg	380,381
Water Quality Control Data.....	21	at Mammoth Cave	390-400
Water Temperature	19	at Munfordville.....	386-389
Explanation of the records	9-26	at Paradise	416,417
		near Campbellsville.....	378,379
Falls of Rough, Rough River at Rough River Dam near	418,419	Green River Basin,	
Farmers, Licking River at	104,105	gaging-station records in	378-427
Farmers, Licking River at Hwy 60 at.....	106,107	miscellaneous discharge measurements	565
Fern Creek,		Greensburg, Green River at.....	380,381
at Old Bardstown Road at Louisville	346,347	Greenup,	
Chenoweth Run at Gelhaus Lane near	328,329	Ohio River at Greenup Dam near.....	64-73
Finney, Barren River near	410,411	Tygarts Creek near	74,75
Fisherville, Floyds Fork at	324,325	Ground-water levels	
Floyds Fork,		by county	621-637
at Bardstown Road near Mount Washington	330,331	explanation of.....	23-26
at Fisherville.....	324,325	Ground-water, Summary of Hydrologic Conditions.....	4
near Pewee Valley	322,323	Gunpowder Creek basin,	
Fort Knox, Mill Creek near.....	344,345	gaging stations records in.....	172-182
Fort Spring, South Elkhorn Creek at.....	274,275	Gunpowder Creek at Camp Ernst Road near Union.....	172-182

INDEX

	Page		Page
Harlan, Cumberland River near	480,481	Lexington,	
Harrods Creek Basin		East Hickman Tributary at Chilesburg Road near	240,241
gaging-station records in	290,291	North Elkhorn Creek at Winchester Road near	264,265
Harrods Creek at Highway 329 near Goshen	290,291	Wolf Run at Old Frankfort Pike at	276,277
Harrods Creek, Little Goose Creek near	296,297	Licking River,	
Hazel Green, Red River near	224,225	at Blue Lick Springs	114,115
Heath, Bayou Creek near	546,547	at Catawba	122,123
Hebron, Elijahs Creek at Elijahs Creek Road near	148-158	at Farmers	104,105
Heidelberg, Kentucky River at Lock 14 at	210,211	at Hwy 60 at Farmers	106,107
High Bridge, Kentucky River at Lock 7 at	248,249	at Mckinneysburg	118,119
Hinkston Creek near Carlisle	120,121	below Mason Fork near Salyersville	102,103
Hydrologic Bench-Mark Network	8	North Fork, near Mount Olivet	116,117
Hydrologic Conditions, Summary of	2-4	Licking River Basin,	
Introduction	1	gaging-station records in	102-146
Irvine, Kentucky River at Lock 12 near	214-221	Little Bayou Creek near Grahamville	550,551
Jackson, North Fork Kentucky River at	200,201	Little Goose Creek near Harrods Creek	296,297
Jefferson County, chemical quality of		Little River near Cadiz	520-530
precipitation, records in	638,639	Little Sandy River,	
Jefferson County, ground-water levels	622-637	at Grayson	62,63
Jeffersontown, Chenoweth Run at Ruckriegal Pky near	326,327	Little Sandy River Basin,	
Johns Creek near Meta	58,59	gaging-station records in	62,63
Kentucky River,		Lockport, Kentucky River at Lock 2 at	286,287
at Lock 2 at Lockport	286,287	Lodiburg, Sinking Creek at	358-366
at Lock 4 at Frankfort	252-260	Long Lick at Clermont	336,337
at Lock 6 near Salvisa	250,251	Louisville,	
at Lock 7 at High Bridge	248,249	Brier Creek at Pendleton Road at	354,355
at Lock 8 near Camp Nelson	232-237	Fern Creek at Old Bardstown Road at	346,347
at Lock 9 at Valley View	230,231	Middle Fork Beargrass Creek at	302,303
at Lock 10 near Winchester	228,229	Middle Fork Breagrass Creek, Lexington Road at	304-307
at Lock 11 near College Hill	222,223	Mill Creek Cutoff near	310,311
at Lock 12 near Irvine	214-221	Mill Creek at Orell Road near	312,313
at Lock 14 at Heidelberg	210,211	Ohio River at	308,309
Middle Fork, at Tallega	204,205	Pennsylvania Run at Mount Washington Road near	332,333
North Fork, at Jackson	200,201	Pond Creek at Pendleton Road near	352,353
North Fork , at Whitesburg	198,199	Pond Creek near	350,351
South Fork, at Booneville	208,209	South Fork Beargrass Creek at	298,299
Kentucky River Basin,		South Fork Beargrass Creek at Winter Avenue at	300,301
gaging-station records in	198-289	Lynn Camp Creek at Corbin	494,495
Kinniconick Creek Basin,		Madisonville, Pond River near	426,427
gaging-station records in	76,77	Mammoth Cave, Green River at	390-400
Kinniconick Creek below Trace Creek at Tannery	76,77	Manchester, Goose Creek at	206,207
Kyroock, Nolin River at	404-407	Maps:	
Lakes:		location of gaging stations in Kentucky	45
Martins Fork Lake at Martins Fork Dam near Smith	442-469	location of gaging stations in Fayette County	46
Latitude-Longitude System	6	location of gaging stations in Boone, Kenton, and	
Levels, ground-water	621-637	Campbell Counties	47
Levisa Fork,		location of gaging stations in Jefferson County	48
at Paintsville	60,61	location of observation wells in downtown area in	
at Pikeville	56,57	Louisville	619
		location of observation well in Graves County	618
		location of observation wells in Northeast Jefferson County	620
		location of surface water-quality stations in Kentucky	49

INDEX

	Page		Page
Maps: <i>(continued)</i>		Ohio River,	
location of surface water-quality stations in Boone, Kenton, and Campbell Counties	50	at Cannelton Dam	368-377
Martins Fork,		at Greenup Dam	64-73
Lake at Martins Fork Dam near Smith	442-469	at Lock and Dam 53 near Grand Chain, Ill.	552-560
near Smith	470-478	at Louisville	308,309
Massac Creek Basin,		at Metropolis, Ill.	544,545
gaging-station records in	542,543	at Markland Dam near Warsaw	196,197
Massac Creek near Paducah	542,543	at Smithland Dam	440,441
Maud, Beech Fork at	338,339	Ohio River Main Stem,	
Mckinneysburg, Licking River at	118,119	gaging-station records in	64-73,196,197,308,309, 368-377,440,441,544,545,552-560
Meta, Johns Creek near	58,59	Okolona, Northern Ditch at	348,349
Metropolis, Ill., Ohio River at	544,545	Olney, Tradewater River att	438,439
Middlesboro, Yellow Creek near	482,483	Otter Creek Basin,	
Midway, South Elkhorn Creek near	282,283	gaging-station records in	356,357
Mill Creek Basin,		Otter Creek at Otter Creek Park near Rock Haven	356,357
gaging-station records in	310-313	Paducah,	
Mill Creek Cutoff near Louisville	310,311	Massac Creek near	542,543
Mill Creek at Orell Road near Louisville	312,313	Tennessee River at Highway 60 near	535-538
Mill Creek near Fort Knox	344,345	Paintsville, Levisa Fork at	60,61
Miscellaneous discharge measurements	565	Paradise, Green River at	416,417
Miscellaneous water-quality samples	566-617	Partial-record station,	
Monticello, Beaver Creek near	518,519	discharge at	564,565
Montrose, North Elkhorn Creek at Bryan Station Road at ..	266,267	Pewee Valley, Floyds Fork near	322,323
Mount Olivet, North Fork Licking River near	116,117	Pennsylvania Run at Mt Washington Road near Louisville ..	332,333
Mount Sterling, Slate Creek at Hwy 713 near	108,109	Phyllis, Grapevine Creek near	54,55
Mount Washington, Floyds Fork at Bardstown Road near ...	330,331	Pikeville, Levisa Fork at	56,57
Mud Lick Creek Basin,		Piner, Cruises Creek at Hwy 17 near	124-134
gaging station records in	184-194	Pineville, Cumberland River at Pinestreet Bridge at	484,485
Mud Lick Creek at Hwy 42 near Beaverlick	184-194	Pond Creek (tributary to Salt River),	
Munfordville, Green River at	386-389	at Pendleton Road near Louisville	352,353
National Atmospheric Deposition Program		near Louisville	350,351
National Trends Network	9	Pond River near Apex	424,425
National Streamflow Information Program (NSIP)	9	Pond River near Madisonville	426,427
National Stream-Quality Accounting		Precipitation quality, records of	638-641
Network, (NASQAN)	8	Precipitation records, explanation of	16
National Water-Quality Assessment Network (NAWQA)	9	Quality of Water, Summary of Hydrologic Conditions	2-4
New Harmony, Ind., Wabash River at	428,436	Records of	
Nolin River,		Ground-Water Levels	23-26,621-637
at Kyrock	404-407	Precipitation Quality	16,17,638-641
at White Mills	402,403	Stage and Water Discharge	54-563
North Elkhorn Creek,		Surface-Water Quality	17-23
at Bryan Station Road at Montrose	266,267	Red River,	
at Bryant Road near Cadentown	262,263	at Clay City	226,227
at Georgetown	268,269	near Hazel Green	224,225
at Winchester Road near Lexington	264,265	Rockcastle River at Billows	496,497
Northern Ditch at Okolona	348,349	Rock Haven, Otter Creek at Otter Creek Park near	356,357
Numbering system for wells and miscellaneous sites	6-8	Rock Lick Creek,	
		above Unnamed tributary near Sharkey	110,111
		at Highway 158 near Sharkey	112,113
		Rolling Fork near Boston	342,343
		Rough at Rough River Dam near Falls of Rough	418,419
		Rough River near Dundee	420,421

INDEX

	Page	Page
Rowan County,		
chemical quality of precipitation, records in	638,641	
Royal Springs at Georgetown	270,271	
Russell Creek near Columbia	382-385	
Salt River,		
at Glensboro	314,315	
at Shepherdsville	334,335	
Salt River Basin,		
crest-stage partial-record stations in	564,565	
gaging-station records in	314-355	
Salvisa, Kentucky River at Lock 6 near	250,251	
Salyersville, Licking River below Mason Fork near	102,103	
Saxton, Clear Fork at	488,489	
Sharkey, Rock Lick Creek		
above unnamed tributary near	110,111	
at Highway 158 near	112,113	
Shepherdsville,		
Cedar Creek at Hwy 1442 near	320,321	
Salt River at	334,335	
Simpsonville, Bullskin Creek near	316,317	
Sinking Creek Basin		
gaging station records in	358-366,556-579	
Sinking Creek near Lodiburg	358-366	
Slate Creek at Hwy 713 near Mount Sterling	108,109	
Smith,		
Martins Fork Lake at Martins Fork Dam near	442-469	
Martins Fork near	470-478	
Smithland, Cumberland River at	531-534	
Smithland Dam, Ohio River at	440,441	
South Elkhorn Creek at Fort Spring	274,275	
near Midway	282,283	
Special networks and programs	8,9	
St. Matthews, Goose Creek at Old Westport Road near	292,293	
Stearns, South Fork Cumberland River near	498-506	
Sturgeon Creek at Cressmont	212,213	
Surface-water, Summary of Hydrologic Conditions	2	
System, Downstream Order	6	
Tallega, Middle Fork Kentucky River at	204,205	
Tannery, Kinniconick Creek below Trace Creek at	76,77	
Taylorville, Brashears Creek at	318,319	
Tennessee River Basin,		
gaging-station records in	535-541	
Tennessee River at Highway 60 near Paducah	535,541	
Town Branch at Yarnallton Road at Yarnallton	279-281	
Tradewater River at Olney	438,439	
Tradewater River Basin,		
gaging-station records in	438-439	
Twelvemile Creek Basin,		
gaging-station records in	78-88	
Twelvemile Creek at Hwy 1997 near Alexandria	78-88	
Tygart Creek near Greenup	74,75	
Tygart Creek Basin,		
gaging-station records in	74,75	
Union, Gunpowder Creek at Camp Ernst Road near	172-182	
USGS data, access to	26	
Valley View, Kentucky River at Lock 9 at	230,231	
Wabash River Basin,		
gaging-station records in	428-436	
Wabash River at New Harmony, Ind.	428-436	
Warsaw, Ohio River at Markland Dam near	196,197	
Water-quality, Summary of Hydrologic Conditions	2-5	
Water-quality records,		
discontinued	650-658	
explanation of	17-23	
miscellaneous water-quality Samples	566-617	
West Fork Drakes Creek near Franklin	412-413	
West Hickman Creek at Ash Grove Pike		
near East Hickman	244,245	
White Mills, Nolin River at	402,403	
Whitesburg, North Fork Kentucky River at	198,199	
Williamsburg, Cumberland River at	490,491	
Winchester, Kentucky River at Lock 10 near	228,229	
Wolf Run at Old Frankfort Pike at Lexington	276,277	
Woolper Creek Basin,		
gaging stations records in	160-170	
Woolper Creek at Woolper Road near Burlington	160-170	
Wooton, Cutshin Creek at	202,203	
Yamacraw, South Fork Cumberland River near	508-516	
Yarnallton, Town Branch at Yarnallton Road at	279-281	
Yellow Creek near Middlesboro	482,483	

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Conversion Factors

Multiply	By	To obtain
Length		
inch (in.)	2.54×10^1	millimeter (mm)
	2.54×10^{-2}	meter (m)
foot (ft)	3.048×10^{-1}	meter (m)
mile (mi)	1.609×10^0	kilometer (km)
Area		
acre	4.047×10^3	square meter (m ²)
	4.047×10^{-1}	square hectometer (hm ²)
	4.047×10^{-3}	square kilometer (km ²)
square mile (mi ²)	2.590×10^0	square kilometer (km ²)
Volume		
gallon (gal)	3.785×10^0	liter (L)
	3.785×10^{-3}	cubic meter (m ³)
	3.785×10^0	cubic decimeter (dm ³)
million gallons (Mgal)	3.785×10^3	cubic meter (m ³)
	3.785×10^{-3}	cubic hectometer (hm ³)
cubic foot (ft ³)	2.832×10^{-2}	cubic meter (m ³)
	2.832×10^1	cubic decimeter (dm ³)
cubic-foot-per-second day [(ft ³ /s) d]	2.447×10^3	cubic meter (m ³)
	2.447×10^{-3}	cubic hectometer (hm ³)
acre-foot (acre-ft)	1.233×10^3	cubic meter (m ³)
	1.233×10^{-3}	cubic hectometer (hm ³)
	1.233×10^{-6}	cubic kilometer (km ³)
Flow		
cubic foot per second (ft ³ /s)	2.832×10^1	liter per second (L/s)
	2.832×10^{-2}	cubic meter per second (m ³ /s)
	2.832×10^1	cubic decimeter per second (dm ³ /s)
gallon per minute (gal/min)	6.309×10^{-2}	liter per second (L/s)
	6.309×10^{-5}	cubic meter per second (m ³ /s)
	6.309×10^{-2}	cubic decimeter per second (dm ³ /s)
million gallons per day (Mgal/d)	4.381×10^{-2}	cubic meter per second (m ³ /s)
	4.381×10^1	cubic decimeter per second (dm ³ /s)
Mass		
ton (short)	9.072×10^{-1}	megagram (Mg) or metric ton

Temperature in degrees Celsius (°C) may be converted to degrees Fahrenheit (°F) as follows:

$$^{\circ}\text{F} = (1.8 \times ^{\circ}\text{C}) + 32$$

