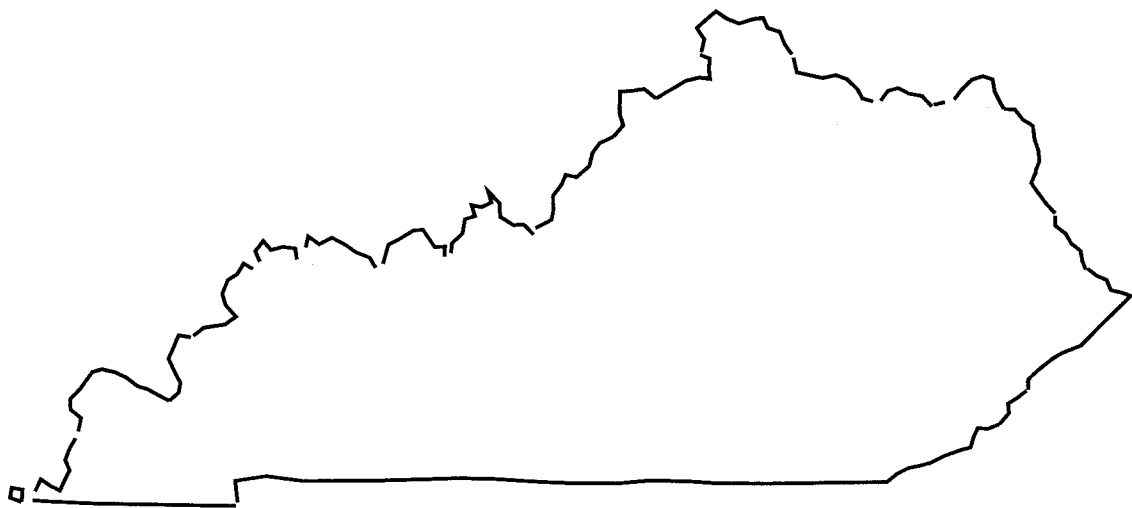


Water Resources Data Kentucky Water Year 1996



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SALT RIVER BASIN

03298000 FLOYDS FORK AT FISHERVILLE, KY--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February 1988 to current year.

REMARKS.--Samples were collected monthly.

COOPERATION.--Field determinations were made in cooperation with Louisville and Jefferson County Metropolitan Sewer District personnel.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	STREAM- FLOW INSTAN- TANEOUS (FT ³ /S (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
OCT 24...	0950	6.8	572	7.8	13.0	8.3
NOV 20...	1205	42	401	8.0	6.0	11.2
JAN 22...	1045	185	517	7.6	3.0	13.3
FEB 20...	1020	1340	450	7.8	9.0	--
MAR 21...	0950	741	500	8.0	4.5	11.7
APR 16...	0955	129	510	8.2	11.0	10.8
MAY 28...	1200	669	347	7.8	21.0	7.4
JUL 23...	0940	95	436	8.1	22.0	7.4
SEP 18...	1235	103	262	7.5	18.0	7.7

SALT RIVER BASIN

03298100 POPE LICK AT POPE LICK ROAD NEAR MIDDLETOWN, KY

WATER-QUALITY RECORDS

LOCATION.--Lat 38°13'09", long 85°31'07", Jefferson County, Hydrologic Unit 05140102, at culvert on Pope Lick Road, and at mile 3.2.

DRAINAGE AREA.-- 2.9 mi².

PERIOD OF RECORD.--February 1988 to current year.

REMARKS.--Samples were collected monthly.

COOPERATION.--Field determinations were made in cooperation with Louisville and Jefferson County Metropolitan Sewer District personnel.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	STREAM- FLOW INSTAN- TANEOUS (FT ³ /S (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
OCT						
24...	0840	2.2	736	7.5	13.5	5.8
NOV						
20...	0850	1.3	497	7.6	6.5	11.0
JAN						
16...	1415	8.2	876	8.1	8.0	14.4
FEB						
20...	0850	23	646	7.7	7.5	10.5
MAR						
21...	0840	13	758	7.9	6.0	11.4
APR						
16...	0850	3.8	651	7.9	8.0	11.2
MAY						
28...	0850	18	477	7.8	17.5	8.2
JUL						
23...	0845	2.0	643	8.1	20.5	7.6
SEP						
18...	0855	1.7	652	7.5	16.0	7.4

SALT RIVER BASIN

03298150 CHENOWETH RUN AT GELHAUS LANE NEAR FERN CREEK, KY

WATER-QUALITY RECORDS

LOCATION.--Lat 38°09'36", long 85°32'32", Jefferson County, Hydrologic Unit 05140102, at bridge on Gelhaus Lane, 100 ft above Razor Branch, and at mile 2.3.

DRAINAGE AREA.--11.6 mi².

PERIOD OF RECORD.--February 1988 to current year.

REMARKS.--Samples were collected monthly

COOPERATION.--Field determinations were made in cooperation with Louisville and Jefferson County Metropolitan Sewer District personnel.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	STREAM- FLOW INSTAN- TANEOUS (FT ³ /S (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
OCT 24...	1115	8.5	757	8.2	14.5	11.2
NOV 21...	1020	7.2	492	8.6	8.0	17.7
JAN 23...	1150	144	417	6.8	6.0	12.1
FEB 21...	1020	33	618	8.4	8.5	12.8
MAR 20...	1210	113	700	8.1	6.5	12.1
APR 16...	1135	30	583	9.0	11.0	16.9
MAY 29...	1105	91	423	8.0	19.5	8.8
JUN 25...	1125	7.2	608	8.7	28.0	12.2
JUL 23...	1110	8.4	570	8.5	22.0	10.8
AUG 06...	1020	6.4	715	8.3	24.0	8.6
SEP 17...	1215	12	460	8.5	19.0	10.7
26...	1210	6.0	635	8.9	20.0	13.9

SALT RIVER BASIN

03298200 FLOYDS FORK NEAR MOUNT WASHINGTON, KY

WATER-QUALITY RECORDS

LOCATION.--Lat 38°05'07", long 85°33'18", Jefferson County, Hydrologic Unit 05140102, at bridge on U.S. Highway 31E, 0.2 mi below Old Mans Run, and at mile 18.7.

DRAINAGE AREA.--213 mi².

PERIOD OF RECORD.--February 1988 to current year.

REMARKS.--Samples were collected monthly.

COOPERATION.--Field determinations were made in cooperation with Louisville and Jefferson County Metropolitan Sewer District personnel.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	STREAM- FLOW INSTAN- TANEOUS (FT ³ /S (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
OCT						
24...	1208	16	557	7.7	12.5	7.7
NOV						
28...	0840	63	630	7.9	7.0	10.3
JAN						
16...	0850	417	376	8.2	1.0	13.5
FEB						
14...	0845	106	583	8.2	3.0	13.0
MAR						
21...	1305	1090	522	8.1	5.0	12.0
APR						
16...	1215	195	515	8.3	11.5	11.8
MAY						
22...	0930	123	514	8.0	21.5	6.9
JUL						
23...	1215	152	446	8.2	23.0	7.9
SEP						
17...	0905	1720	412	7.8	18.5	7.7

SALT RIVER BASIN

03298242 CEDAR CREEK AT FAIRMOUNT ROAD NEAR MOUNT WASHINGTON, KY

WATER-QUALITY RECORDS

LOCATION.--Lat 38°06'43", long 85°35'49", Jefferson County, Hydrologic Unit 05140102, at bridge on Fairmount Road, 5.2 mi northwest of Mt. Washington, and at mile 10.9.

DRAINAGE AREA.--7.8 mi².

PERIOD OF RECORD.--December 1992 to current year

REMARKS.--Samples were collected monthly.

COOPERATION.--Field determinations were made in cooperation with Louisville and Jefferson County Metropolitan Sewer District personnel.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	STREAM- FLOW INSTAN- TANEOUS (FT ³ /S (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
OCT						
18...	1305	2.0	850	7.6	15.0	8.1
NOV						
28...	1325	3.0	807	8.2	8.5	15.2
JAN						
17...	1430	27	518	7.8	10.5	13.1
FEB						
14...	1215	5.2	804	8.4	7.0	11.1
MAR						
19...	1240	165	355	7.6	5.5	10.8
APR						
17...	1240	6.6	666	8.6	12.0	19.1
MAY						
22...	1255	4.1	661	7.9	19.5	8.3
JUL						
22...	1045	7.7	547	8.0	22.5	7.6
SEP						
12...	1045	3.7	600	8.0	21.0	7.6

SALT RIVER BASIN

03298250 CEDAR CREEK AT THIXTON ROAD NEAR LOUISVILLE, KY

WATER-QUALITY RECORDS

LOCATION.--Lat 38°04'45", long 85°36'58", Jefferson County, Hydrologic Unit 05140102, at culvert on Thixton Road, 4.2 mi above Pennsylvania Run, and at mile 7.4.

DRAINAGE AREA.--11.1 mi².

PERIOD OF RECORD.--February 1988 to current year.

REMARKS.--Samples were collected monthly.

COOPERATION.--Field determinations were made in cooperation with Louisville and Jefferson County Metropolitan Sewer District personnel.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	STREAM- FLOW INSTAN- TANEOUS (FT ³ /S (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
OCT 18...	1100	--	832	8.0	11.5	11.2
NOV 28...	1035	3.8	800	8.2	6.5	14.4
JAN 17...	1200	45	441	8.0	9.5	14.5
FEB 14...	1025	5.4	746	8.6	4.5	16.3
MAR 20...	1020	90	536	8.0	5.5	12.7
APR 17...	1150	9.2	630	8.7	12.0	17.6
MAY 22...	1105	7.3	619	8.1	19.5	9.7
JUL 22...	1145	--	360	8.0	23.0	7.8
SEP 12...	0940	3.8	530	7.8	20.0	8.4

SALT RIVER BASIN

03298300 PENNSYLVANIA RUN AT MOUNT WASHINGTON ROAD NEAR LOUISVILLE, KY

WATER-QUALITY RECORDS

LOCATION.--Lat 38°05'15", long 85°38'33", Jefferson County, Hydrologic Unit 05140102, at bridge on Mt. Washington Road, and at mile 1.9.

DRAINAGE AREA.--6.4 mi².

PERIOD OF RECORD.--February 1988 to current year.

REMARKS.--Samples were collected monthly.

COOPERATION.--Field determinations were made in cooperation with Louisville and Jefferson County Metropolitan Sewer District personnel.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	STREAM- FLOW INSTAN- TANEOUS (FT ³ /S (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
OCT 18...	1000	0.50	718	7.2	13.0	4.6
NOV 08...	1115	3.3	558	7.6	9.0	7.0
JAN 19...	1050	2.1	353	7.1	6.0	12.6
FEB 07...	1040	4.1	588	7.3	2.5	11.1
MAR 20...	0845	54	465	8.0	6.5	11.2
APR 17...	1025	4.9	533	7.7	9.5	9.8
MAY 08...	1205	59	374	7.7	18.0	8.6
JUL 22...	1225	11	410	8.0	25.0	6.7
SEP 12...	0845	1.0	513	7.5	20.5	4.4

SALT RIVER BASIN

03298500 SALT RIVER AT SHEPHERDSVILLE, KY

LOCATION.--Lat 37°59'06", long 85°43'03", Bullitt County, Hydrologic Unit 05140102, on downstream side of bridge on State Highway 61 at Shepherdsville, 500 ft downstream from Louisville and Nashville Railroad bridge, 2.6 mi downstream from Floyds Fork, and at mile 22.9.

DRAINAGE AREA.--1,197 mi².

PERIOD OF RECORD.--May 1938 to current year.

REVISED RECORDS.--WSP 893: 1937(M). WSP 1435: 1955: WSP 1705: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 406.58 ft above sea level. See WDR KY-90-1 for history of changes prior to Oct. 16, 1969.

REMARKS.--Estimated daily discharges: Dec. 9-13, Dec. 27 to Jan. 2, Feb. 3-5, March 4, 6, Apr. 8-14, and May 12-15, 17-22. Records good except for periods of estimated record, which are fair. Flow regulated since January 1983 by Taylorsville Lake (station 03295597). Diversions for water supply by Shepherdsville and other municipalities

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Jan. 26, 1937, reached a stage of 47.3 ft. from floodmark (backwater from Ohio River).

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	295	307	4500	4280	2710	6150	5050	2660	248	991	81
2	25	282	288	4000	4100	2370	6920	4190	3310	244	1130	73
3	38	544	273	3750	2400	2100	4060	4290	2830	717	1360	70
4	91	533	247	3120	1700	1100	3760	4970	2910	683	636	67
5	2240	432	209	2200	1200	875	3620	4300	2810	429	324	67
6	2120	362	198	1980	582	4700	3210	9800	2640	336	185	68
7	677	438	176	1700	550	5750	2980	3670	3980	296	164	71
8	361	469	181	1470	603	4730	2300	5110	7500	1240	160	83
9	236	680	175	1600	1140	4290	2000	5720	17400	719	934	104
10	167	718	170	1710	1230	4430	1700	3520	7390	418	421	136
11	129	1540	165	1140	1130	4370	1450	10400	5010	322	226	131
12	102	2330	190	898	675	4030	1300	7000	7030	259	178	98
13	88	1930	200	841	542	2070	1150	4500	5190	203	150	91
14	77	1850	205	1000	514	1160	1050	3000	4040	209	124	84
15	66	1470	254	1920	546	1490	818	5800	3500	3510	107	77
16	60	1210	2120	2580	569	2740	880	5920	3470	1310	99	138
17	57	1030	2170	5460	530	3290	795	4800	2900	567	90	639
18	54	907	3670	5150	512	2410	1190	4000	2780	562	88	680
19	53	832	8860	14000	527	6810	802	3400	2760	633	84	327
20	57	755	6650	7090	4220	10800	4110	2900	3700	771	80	229
21	63	424	3780	3180	4460	6330	4050	2400	2940	890	116	779
22	77	538	3210	3190	3450	5330	2380	2000	2790	2060	147	408
23	71	685	2840	3430	3550	5440	7050	2190	2700	2340	124	188
24	70	1020	2630	20300	3120	4840	7030	2910	2610	2070	150	163
25	70	1030	2440	14900	2730	4550	4150	1640	2630	1880	165	134
26	72	977	2260	4940	1480	4400	4400	10900	2480	1820	142	113
27	184	791	2200	3690	1070	3630	4250	11200	2400	1770	116	265
28	462	684	2020	3510	3740	2320	3760	8680	2270	1680	138	6000
29	485	651	1900	3640	3540	2690	5840	15200	882	646	127	3490
30	373	420	1600	3970	---	2770	9020	4840	367	359	104	2650
31	331	---	2000	4340	---	2380	---	2640	---	1190	93	---
TOTAL	8980	25827	53588	135199	54690	116905	102175	166940	115879	30381	8953	17504
MEAN	290	861	1729	4361	1886	3771	3406	5385	3863	980	289	583
MAX	2240	2330	8860	20300	4460	10800	9020	15200	17400	3510	1360	6000
MIN	24	282	165	841	512	875	795	1640	367	203	80	67

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1996, BY WATER YEAR (WY)

	MEAN	257	1066	1988	2571	4030	2952	2125	2029	1214	464	298	212
	MAX	1166	2206	6329	5728	12370	5264	3506	5768	3863	980	1018	583
	(WY)	1991	1994	1991	1991	1989	1989	1989	1995	1996	1996	1992	1996
	MIN	25.9	55.5	258	335	996	1113	377	216	38.9	63.6	40.0	46.6
	(WY)	1989	1988	1990	1986	1992	1990	1986	1985	1988	1994	1988	1993

SUMMARY STATISTICS

FOR 1995 CALENDAR YEAR

FOR 1996 WATER YEAR

WATER YEARS 1984 - 1996

ANNUAL TOTAL	582879	837021	
ANNUAL MEAN	1597	2287	1587
HIGHEST ANNUAL MEAN			2571
LOWEST ANNUAL MEAN			995
HIGHEST DAILY MEAN	27400	May 19	20300
LOWEST DAILY MEAN	24	Oct 1	24
ANNUAL SEVEN-DAY MINIMUM	26	Sep 26	59
INSTANTANEOUS PEAK FLOW			23200
INSTANTANEOUS PEAK STAGE			25.86
10 PERCENT EXCEEDS	3730		5120
50 PERCENT EXCEEDS	473		1400
90 PERCENT EXCEEDS	53		101
			46

SALT RIVER BASIN

03298550 LONG LICK NEAR CLERMONT, KY

LOCATION.--Lat 37°55'40", long 85°39'13", Bullitt County, Hydrologic Unit 05140102, 100 ft downstream of bridge at Jim Beam Distillery, at Clermont, and 10.8 mi upstream from mouth.

DRAINAGE AREA.-- 7.91 mi².

PERIOD OF RECORD.--April 1992 to current year.

GAGE.--Water-stage recorder. Datum of gage is 450 ft above sea level, from topographic map.

REMARKS.--Estimated daily discharges: Dec. 9-12, 16, 22-28, Jan. 7-10, Feb. 1-5, and Mar. 11, 12. Records good except for periods of estimated record, which are fair.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAILY MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.48	5.8	.39	7.6	6.0	9.1	61	27	7.2	.25	1.9	.08
2	.63	13	.55	31	5.0	4.2	21	18	8.4	.30	1.2	.08
3	2.4	19	.62	28	4.5	4.6	14	21	7.0	.28	1.1	.07
4	1.8	6.3	.33	12	3.8	5.7	12	15	5.3	.11	.85	.07
5	64	7.0	.14	8.7	3.5	7.1	9.5	62	3.8	.10	1.1	.09
6	5.9	5.0	.12	7.2	3.3	165	7.8	50	3.3	.10	.64	.10
7	2.0	25	.09	6.0	3.5	94	6.8	22	29	.63	1.0	.07
8	2.7	5.3	.08	5.4	4.4	24	6.0	85	221	3.3	2.0	.06
9	2.1	2.9	.07	5.0	5.3	14	5.2	30	72	.35	1.5	.07
10	1.8	7.3	.06	4.7	4.8	12	4.7	16	33	.17	.89	.06
11	1.7	29	.06	5.6	4.7	10	5.0	12	17	.15	.93	.06
12	1.6	4.4	.05	6.5	3.6	9.2	5.5	9.4	27	.20	1.2	.19
13	1.4	11	.05	6.9	3.1	8.5	8.7	7.3	12	.23	1.8	.10
14	1.1	5.1	.08	32	3.4	7.8	14	6.5	8.2	.68	1.6	.07
15	1.2	1.3	.42	33	2.8	17	15	85	6.5	9.9	.99	.06
16	1.4	.51	5.0	39	2.2	58	14	21	8.1	1.0	.38	.69
17	1.9	.26	1.3	35	1.9	44	7.7	12	3.0	.89	.32	.52
18	1.7	.19	72	133	1.7	17	5.6	8.3	4.1	.91	.26	.32
19	1.5	.14	109	79	10	140	6.1	7.0	25	.92	.23	.24
20	2.8	.13	25	21	91	57	131	3.6	20	.97	1.0	.20
21	2.2	.18	9.4	14	18	31	28	4.2	7.0	.85	2.1	.36
22	2.9	.28	6.0	11	11	34	18	3.2	4.2	.98	2.2	.26
23	1.5	.62	5.0	94	7.7	48	115	2.1	4.0	1.2	1.4	.23
24	.58	.27	4.0	183	5.0	41	36	2.1	1.6	.99	.55	.23
25	1.9	.18	3.0	27	2.6	37	22	3.0	1.8	.84	.18	.18
26	5.4	.25	2.6	18	4.5	19	51	172	1.5	.58	.15	.10
27	12	.38	2.2	15	23	13	21	148	.70	.73	.14	7.8
28	7.5	.28	1.9	11	41	12	18	116	.48	.76	.12	31
29	7.2	.20	1.7	9.8	14	14	91	77	.35	.91	.11	.25
30	5.8	.21	1.6	8.5	---	11	76	17	.33	2.2	.10	.09
31	5.3	---	3.9	7.3	---	10	---	11	---	15	.09	---
TOTAL	152.39	151.48	256.71	905.2	295.3	978.2	836.6	1073.7	542.86	46.48	28.03	43.70
MEAN	4.92	5.05	8.28	29.2	10.2	31.6	27.9	34.6	18.1	1.50	.90	1.46
MAX	64	29	109	183	91	165	131	172	221	15	2.2	31
MIN	.48	.13	.05	4.7	1.7	4.2	4.7	2.1	.33	.10	.09	.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1996, BY WATER YEAR (WY)

MEAN	2.47	4.05	5.52	19.8	15.8	25.3	19.3	22.3	8.73	1.71	2.47	.95
MAX	4.92	9.13	8.28	29.2	25.8	31.6	27.9	47.2	18.1	3.02	9.21	1.69
(WY)	1996	1994	1996	1996	1994	1996	1996	1995	1996	1992	1995	1992
MIN	.18	.68	1.78	8.87	10.2	11.5	8.82	6.69	.84	.34	.48	.29
(WY)	1995	1995	1993	1993	1996	1995	1992	1992	1994	1994	1994	1993

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1992 - 1996	
ANNUAL TOTAL	4107.82		5310.65			
ANNUAL MEAN	11.3		14.5		11.3	
HIGHEST ANNUAL MEAN					14.5	
LOWEST ANNUAL MEAN					8.63	
HIGHEST DAILY MEAN	339	May 18	221	Jun 8	339	May 18 1995
LOWEST DAILY MEAN	.05	Dec 12	.05	Dec 12	.03	Oct 2 1994
ANNUAL SEVEN-DAY MINIMUM	.06	Dec 8	.06	Dec 8	.04	Oct 2 1994
INSTANTANEOUS PEAK FLOW			966	Jun 8	2080	May 7 1994
INSTANTANEOUS PEAK STAGE			6.56	Jun 8	8.09	May 9 1995
10 PERCENT EXCEEDS	28		35		25	
50 PERCENT EXCEEDS	1.5		4.2		1.8	
90 PERCENT EXCEEDS	.25		.15		.23	

SALT RIVER BASIN

03300400 BEECH FORK AT MAUD, KY

LOCATION.--Lat 37°49'58", long 85°17'46", Nelson County, Hydrologic Unit 05140103, on right bank on downstream side of bridge on State Highway 55, 100 ft upstream from Nealy Run, 0.8 mi north of Maud, 1.7 mi downstream from Chaplin River, and at mile 48.1.

DRAINAGE AREA.--436 mi².

PERIOD OF RECORD.--August 1972 to current year.

GAGE.--Water-stage recorder. Datum of gage is 530.00 ft above sea level.

REMARKS.--Estimated daily discharges: Dec. 11-15 and Feb. 1-11. Records good except for periods of estimated record, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAILY MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.41	86	114	143	300	607	3950	1570	440	26	457	10
2	.49	71	100	616	260	460	3510	763	338	22	264	8.3
3	1.1	145	89	4180	230	390	1310	591	296	18	162	6.7
4	2.2	207	81	1480	200	325	800	504	272	16	112	5.7
5	84	144	75	630	180	294	603	613	263	14	76	4.9
6	1240	114	68	449	170	4810	478	2800	215	13	45	4.4
7	534	120	61	376	160	6440	411	1190	1050	12	33	4.0
8	250	528	56	337	210	3040	360	1470	713	24	32	3.9
9	139	597	51	371	500	1050	314	2130	1660	22	106	3.7
10	86	302	47	346	350	675	277	923	1060	15	186	3.7
11	56	655	40	319	290	528	246	613	2150	12	65	4.4
12	39	1880	35	292	273	457	222	483	3890	9.9	78	4.9
13	28	719	32	309	231	405	207	399	1310	8.5	33	5.1
14	23	527	29	397	205	355	205	333	607	9.5	29	4.7
15	19	371	27	1640	193	330	214	1450	408	54	30	4.3
16	16	277	187	2130	178	883	253	1970	301	150	22	10
17	14	214	341	3570	160	3090	256	607	226	147	141	55
18	12	173	1690	1930	143	1260	222	401	178	122	211	263
19	9.7	144	4100	7280	146	2290	191	308	175	67	97	225
20	10	121	3740	2940	2240	3520	2070	250	303	3160	61	132
21	11	104	1200	839	1570	1730	2460	214	968	2900	45	82
22	9.1	90	564	562	864	1370	761	184	314	542	60	67
23	13	167	395	578	755	1420	4420	159	171	389	34	46
24	23	1260	308	9490	473	1070	3520	139	112	208	27	33
25	21	544	254	4940	385	955	1060	120	92	126	23	25
26	20	330	216	1120	337	879	1140	2510	74	79	19	20
27	28	235	188	731	319	608	757	7470	58	55	16	33
28	201	189	171	567	795	506	521	8010	49	41	18	9000
29	246	158	150	469	1050	890	479	7670	44	32	16	3620
30	168	133	137	407	---	1100	2020	2190	34	29	14	867
31	121	---	124	354	---	705	---	674	---	176	12	---
TOTAL	3425.00	10605	14670	49792	13167	42442	33237	48708	17771	8498.9	2524	14556.7
MEAN	110	353	473	1606	454	1369	1108	1571	592	274	81.4	485
MAX	1240	1880	4100	9490	2240	6440	4420	8010	3890	3160	457	9000
MIN	.41	71	27	143	143	294	191	120	34	8.5	12	3.7
CFSM	.25	.81	1.09	3.68	1.04	3.14	2.54	3.60	1.36	.63	.19	1.11
IN.	.29	.90	1.25	4.25	1.12	3.62	2.84	4.16	1.52	.73	.22	1.24

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1996, BY WATER YEAR (WY)

MEAN	181	537	1061	976	1197	1132	774	692	400	205	184	265
MAX	1042	1699	3691	2461	5071	3292	2022	2359	1605	685	939	2284
(WY)	1976	1989	1979	1974	1989	1975	1979	1995	1992	1979	1978	1979
MIN	.011	.24	111	16.2	203	134	103	43.6	3.32	2.45	.87	.43
(WY)	1988	1988	1981	1981	1980	1983	1986	1976	1988	1975	1986	1987

SUMMARY STATISTICS FOR 1995 CALENDAR YEAR FOR 1996 WATER YEAR WATER YEARS 1973 - 1996

ANNUAL TOTAL	223728.28	259396.60	
ANNUAL MEAN	613	709	631
HIGHEST ANNUAL MEAN			1243
LOWEST ANNUAL MEAN			308
HIGHEST DAILY MEAN	13400	9490	31400
LOWEST DAILY MEAN	.23	.41	.00
ANNUAL SEVEN-DAY MINIMUM	.29	4.1	.00
INSTANTANEOUS PEAK FLOW		11500	33300
INSTANTANEOUS PEAK STAGE		18.49	26.16
ANNUAL RUNOFF (CFSM)	1.41	1.63	1.45
ANNUAL RUNOFF (INCHES)	19.09	22.13	19.66
10 PERCENT EXCEEDS	1370	1980	1370
50 PERCENT EXCEEDS	174	228	172
90 PERCENT EXCEEDS	2.8	15	6.2

SALT RIVER BASIN
03301500 ROLLING FORK NEAR BOSTON, KY

LOCATION.--Lat 37°46'02", long 85°42'14", Nelson Cty, Hydrologic Unit 05140103, on downstream side of bridge on U.S. Hwy 62 and State Hwy 61, 0.4 mi downstream from Beech Fork, 2.3 mi southwest of Boston, and at mile 19.8.

DRAINAGE AREA.--1,299 mi².

PERIOD OF RECORD.--May 1938 to current year.

REVISED RECORDS.--WSP 1705: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 400.42 ft above sea level. See WDR KY-90-1 for history of changes prior to Sept. 30, 1971.

REMARKS.--Estimated daily discharges: Jan. 27 to Feb. 7 and May 6-24. Records fair except for periods of estimated record, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	329	445	611	1400	2750	6080	6140	2670	223	725	68
2	16	285	401	914	1200	1940	10300	3930	1650	200	692	58
3	19	435	360	5520	1000	1700	8260	2450	1180	191	570	53
4	80	485	333	6960	800	1400	4120	2090	1020	180	427	47
5	2320	545	304	3120	700	1090	2660	2660	928	161	302	47
6	5590	529	282	1820	600	7050	2020	4500	817	144	277	56
7	3440	554	259	1440	500	14200	1650	4000	1800	131	241	65
8	1250	1290	239	1140	650	15600	1390	3500	5140	165	216	56
9	734	2290	223	965	756	11100	1200	4000	12700	164	283	136
10	495	1420	205	1120	878	4460	1070	3600	10300	142	287	379
11	357	1280	172	1070	1030	2860	944	3000	5410	135	351	220
12	272	3690	169	1100	927	2280	845	2600	8390	121	366	158
13	219	3640	168	1200	800	1780	787	2200	7740	109	360	118
14	183	2250	169	1530	699	1470	802	1900	3310	119	309	92
15	160	1580	170	3210	645	1500	1010	1700	1890	1600	259	78
16	141	1170	292	5340	621	2150	1090	2700	1350	720	215	100
17	126	923	490	6360	585	6290	1090	3000	1040	969	432	431
18	115	754	1380	6770	543	5700	991	2500	944	594	433	1740
19	110	636	6010	10600	550	5820	859	1900	1020	418	732	918
20	103	543	8640	13500	3500	10100	2630	1600	1300	1370	538	601
21	101	472	6930	10900	6060	9060	6160	1100	1050	6950	326	456
22	99	415	2840	6100	3850	5990	4680	860	1250	6790	235	328
23	85	452	1680	5530	2360	5120	7330	640	711	2320	184	256
24	75	1330	1230	13200	1790	5140	11400	500	548	1210	169	215
25	75	1820	995	17800	1400	4880	8560	360	460	768	141	188
26	82	1130	829	16300	1170	4710	4100	3370	391	561	115	158
27	153	867	712	6000	1050	3300	3340	11000	331	428	104	187
28	523	713	630	4000	1820	2320	2220	16000	292	340	144	6810
29	484	593	553	2500	3180	2230	1940	17000	275	286	117	13500
30	571	507	502	2000	---	2940	4540	14600	245	263	90	10300
31	440	---	482	1600	---	2710	---	7940	---	919	75	---
TOTAL	18436	32927	38094	160220	41064	149640	104068	133340	76152	28691	9715	37819
MEAN	595	1098	1229	5168	1416	4827	3469	4301	2538	926	313	1261
MAX	5590	3690	8640	17800	6060	15600	11400	17000	12700	6950	732	13500
MIN	16	285	168	611	500	1090	787	360	245	109	75	47
CFSM	.46	.84	.95	3.98	1.09	3.72	2.67	3.31	1.95	.71	.24	.97
IN.	.53	.94	1.09	4.59	1.18	4.29	2.98	3.82	2.18	.82	.28	1.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1996, BY WATER YEAR (WY)

MEAN	311	1059	2388	3030	3830	3760	2834	1905	1010	761	430	472
MAX	2778	5310	11050	13420	16320	10070	11350	11810	4183	5339	2806	8265
(WY)	1976	1958	1979	1950	1989	1964	1972	1983	1950	1958	1977	1979
MIN	.57	4.32	5.84	77.0	288	344	353	150	24.4	6.78	24.2	1.89
(WY)	1954	1944	1944	1981	1954	1941	1986	1941	1988	1954	1965	1953

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1939 - 1996	
ANNUAL TOTAL	724045		830166			
ANNUAL MEAN	1984		2268		1806	
HIGHEST ANNUAL MEAN					4268	
LOWEST ANNUAL MEAN					473	
HIGHEST DAILY MEAN	24200	May 20	17800	Jan 25	64600	Feb 17 1989
LOWEST DAILY MEAN	15	Sep 12	16	Oct 2	.40	Oct 20 1939
ANNUAL SEVEN-DAY MINIMUM	17	Sep 7	55	Sep 2	.40	Oct 3 1953
INSTANTANEOUS PEAK FLOW			18300	Jan 25	66500	Feb 17 1989
INSTANTANEOUS PEAK STAGE			37.32	Jan 26	52.62	Feb 17 1989
INSTANTANEOUS LOW FLOW			14	Oct 2	.40	Oct 20 1939
ANNUAL RUNOFF (CFSM)	1.53		1.75		1.39	
ANNUAL RUNOFF (INCHES)	20.73		23.77		18.89	
10 PERCENT EXCEEDS	5810		6310		4780	
50 PERCENT EXCEEDS	591		927		500	
90 PERCENT EXCEEDS	72		136		27	

SALT RIVER BASIN

03301575 WILSON CREEK AT HARRISON FORK ROAD NEAR DEATSVILLE, KY

WATER-QUALITY RECORDS

LOCATION.--Lat 37°52'10", long 85°35'58", Nelson County, Hydrologic Unit 05140103, Bernheim State Forest, at Harrison Fork Road ford, 300 ft upstream from Harrison Fork, 2.9 mi southwest of Deatsville, 5.4 mi southeast of Clermont, and at mile 13.6.

DRAINAGE AREA.--5.7 mi².

PERIOD OF RECORD.--October 1990 to current year.

REMARKS.--Water-quality samples collected monthly.

COOPERATION.--Field determinations were made in cooperation with Louisville and Jefferson County Metropolitan Sewer District personnel.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	STREAM- FLOW INSTAN- TANEOUS (FT ³ /S (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
OCT						
26...	1130	0.25	521	8.0	12.0	8.5
NOV						
27...	1250	2.5	367	8.2	11.0	12.1
JAN						
18...	1145	11	395	8.2	--	14.5
FEB						
13...	1220	2.8	475	8.6	4.5	16.0
MAR						
25...	1320	32	307	8.9	11.5	15.0
APR						
18...	1205	5.3	410	8.6	12.5	13.2
MAY						
21...	1230	4.2	448	8.2	20.0	8.9
JUL						
25...	1150	4.6	451	8.3	21.5	8.9
SEP						
03...	1340	0.01	600	7.2	21.0	4.8

SALT RIVER BASIN

LOCATION.--Lat 37°51'49", long 85°36'41", Bullitt County, Hydrologic Unit 05140103, Bernheim State Forest, on right bank, 75 ft upstream from Harts Run, 3.7 mi southwest of Deatsville, 5.0 mi southeast of Clermont, and at mile 12.3.

DRAINAGE AREA.--12.3 mi² (revised).

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1991 to September 1996. (discontinued)

GAGE.--Water-stage recorder and crest-stage gages. Elevation of gage is 470 ft above sea level, from topographic map.

REMARKS.--Estimated daily discharges: Feb. 2-6 and July 18 to Sept 2. Water-discharge records good except for periods of estimated record, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.0	2.7	3.2	10	9.9	17	95	39	12	3.5	2.3	.08
2	1.0	4.7	3.0	40	9.6	14	46	24	13	3.5	1.9	.04
3	2.0	12	2.9	39	9.2	11	27	31	11	3.3	1.8	.00
4	4.8	6.2	2.7	15	8.8	9.0	21	20	8.8	3.2	1.7	.00
5	136	4.5	2.6	10	8.5	9.9	17	121	7.1	3.1	1.6	.00
6	20	3.7	2.4	8.5	8.2	255	15	97	6.2	3.0	1.5	.00
7	6.1	16	2.3	8.3	7.9	130	13	41	14	14	2.3	.00
8	3.7	10	2.1	8.4	9.2	53	11	124	302	5.1	1.8	.00
9	2.9	6.5	2.1	7.9	8.5	31	9.8	56	110	3.4	1.5	.00
10	2.5	5.1	1.8	6.9	7.3	24	8.6	26	58	3.0	1.4	.00
11	2.3	31	1.7	7.4	6.9	23	7.9	22	27	2.8	1.3	.00
12	2.3	15	1.9	8.5	5.8	22	7.4	18	48	2.8	1.1	.00
13	2.4	33	2.2	9.0	5.3	18	9.9	13	20	2.7	1.0	.00
14	2.0	18	2.3	43	5.5	16	17	11	13	3.6	.90	.00
15	2.2	10	2.4	60	5.2	32	28	111	9.3	54	.80	.62
16	1.9	7.5	18	64	4.7	73	22	34	9.5	6.6	.70	1.7
17	1.7	5.9	8.6	64	4.5	73	14	18	11	4.1	.64	.92
18	1.7	5.0	102	124	4.2	32	11	12	13	3.6	.60	.61
19	1.6	4.3	135	124	15	212	10	9.6	37	3.4	.50	.41
20	2.3	3.9	44	33	140	100	121	7.8	30	3.6	.70	.35
21	2.8	3.5	18	20	37	65	39	6.8	11	3.0	1.0	1.0
22	2.4	3.2	12	16	21	66	24	6.0	8.9	3.5	1.2	.53
23	2.1	14	8.6	126	16	78	171	5.1	7.3	2.9	.72	.24
24	2.2	14	6.9	273	13	67	61	4.6	6.8	2.6	.54	.19
25	2.3	7.7	5.8	56	10	71	35	4.5	7.0	2.4	.40	.14
26	2.1	5.8	5.3	36	9.5	41	78	155	5.0	2.3	.32	.29
27	13	5.1	4.6	25	39	26	31	201	4.4	2.2	.25	1.7
28	7.4	4.4	4.1	17	78	24	23	116	4.0	2.1	.20	61
29	4.5	3.7	3.7	15	23	41	82	97	3.8	2.0	.15	7.4
30	3.4	3.3	3.6	13	---	25	99	27	3.6	1.8	.13	1.8
31	2.9	---	5.5	11	---	22	---	16	---	4.0	.10	---
TOTAL	245.5	269.7	421.3	1298.9	530.7	1680.9	1154.6	1474.4	821.7	161.1	31.05	79.02
MEAN	7.92	8.99	13.6	41.9	18.3	54.2	38.5	47.6	27.4	5.20	1.00	2.63
MAX	136	33	135	273	140	255	171	201	302	54	2.3	61
MIN	1.0	2.7	1.7	6.9	4.2	9.0	7.4	4.5	3.6	1.8	.10	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1996, BY WATER YEAR (WY)

MEAN	3.13	7.75	13.3	33.2	32.7	44.2	23.8	22.4	17.3	2.74	1.10	.99
MAX	7.92	20.6	22.4	63.1	63.4	54.2	38.5	47.6	46.5	5.20	2.18	2.63
(WY)	1996	1994	1992	1994	1994	1996	1996	1996	1993	1996	1992	1996
MIN	.34	1.00	6.46	18.5	12.9	23.4	9.75	7.04	1.02	.65	.49	.20
(WY)	1993	1992	1993	1993	1992	1995	1992	1991	1994	1991	1994	1991

SUMMARY STATISTICS

FOR 1996 WATER YEAR

WATER YEARS 1991 - 1996

ANNUAL TOTAL	8168.87				
ANNUAL MEAN	22.3			18.9	
HIGHEST ANNUAL MEAN				23.1	1994
LOWEST ANNUAL MEAN				12.8	1992
HIGHEST DAILY MEAN	302	Jun	8	783	Feb 21 1993
LOWEST DAILY MEAN	.00	Sep	3	.00	Jul 23 1991
ANNUAL SEVEN-DAY MINIMUM	.00	Sep	3	.00	Jul 23 1991
INSTANTANEOUS PEAK FLOW	1530	Jun	8	3650	Jun 11 1993
INSTANTANEOUS PEAK STAGE	7.14	Jun	8	12.74	Aug 7 1995
INSTANTANEOUS LOW FLOW				.00	Jul 23 1991
10 PERCENT EXCEEDS	64			37	
50 PERCENT EXCEEDS	7.4			4.6	
90 PERCENT EXCEEDS	.71			.11	

SALT RIVER BASIN

03301580 WILSON CREEK NEAR DEATSVILLE, KY--Continued

WATER-QUALITY RECORDS

LOCATION.--Lat 37°51'49", long 85°36'41", Bullitt County, Hydrologic Unit 05140103, Bernheim State Forest, on right bank 75 ft upstream from Harts Run, 3.7 mi southwest of Deatsville, 5.0 mi southeast of Clermont, and at mile 12.3.

DRAINAGE AREA.--12.3 mi².

PERIOD OF RECORD.--March 1991 to September 1996 (discontinued).

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: March 1991 to September 1996 (discontinued).

pH: March 1991 to September 1996 (discontinued).

WATER TEMPERATURE: March 1991 to September 1996 (discontinued).

DISSOLVED OXYGEN: March 1991 to September 1996 (discontinued).

INSTRUMENTATION.--Water-quality monitor since March 1991.

REMARKS.--Water-quality samples collected monthly. Records good for specific conductance, pH, water temperature, and dissolved oxygen.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 744 microsiemens, Nov. 8, 1992; minimum, 72 microsiemens, Jan. 25, 1994.

pH: Maximum, 10.5 units, Apr. 2-3, 1992; minimum, 5.7 units, Mar. 27, 1992.

WATER TEMPERATURE: Maximum, 31.8°C, July 9, 1993; minimum, 0°C, several days in some years.

DISSOLVED OXYGEN: Maximum recorded, 22.4 mg/L, Jan. 10, 1996; minimum recorded, 1.1 mg/L, Oct. 20, 1991.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 652 microsiemens, Oct. 19; minimum, 114 microsiemens, June 8.

pH: Maximum, 8.9 units, Mar. 26; minimum, 5.8 units, Oct. 29.

WATER TEMPERATURE: Maximum, 28.7°C, June 30; minimum, 0.2°C, Dec. 26.

DISSOLVED OXYGEN: Maximum recorded, 22.4 mg/L, Jan. 10; minimum recorded, 3.0 mg/L, Sep. 3.

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGRADE, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	606	602	604	505	491	499	454	415	429
2	---	---	---	610	491	559	505	490	499	425	311	383
3	---	---	---	497	445	467	505	499	501	356	306	324
4	---	---	---	519	482	503	510	498	505	394	356	377
5	---	---	---	526	518	522	512	499	507	415	394	410
6	---	---	---	530	523	528	511	495	504	427	413	420
7	582	508	542	523	437	470	507	496	501	424	413	420
8	555	529	543	498	456	482	512	498	507	444	423	436
9	582	554	565	518	498	507	519	506	513	456	435	447
10	601	568	587	518	500	512	567	519	551	440	431	435
11	631	597	610	518	351	437	586	565	578	448	433	441
12	639	609	627	474	402	445	574	530	558	443	432	437
13	644	611	632	478	386	435	530	491	509	445	431	437
14	649	610	631	461	405	437	492	464	477	432	273	384
15	650	611	633	484	461	478	479	458	472	325	273	298
16	647	607	629	497	484	493	469	394	424	333	260	313
17	607	545	571	499	488	494	448	408	432	338	260	300
18	642	502	556	499	481	490	446	278	337	357	167	323
19	652	616	637	500	480	493	300	242	273	318	174	264
20	651	604	628	499	478	490	373	300	340	361	318	341
21	604	567	575	498	484	491	404	373	389	383	361	372
22	604	575	589	502	490	496	426	404	417	405	383	393
23	626	594	610	499	399	466	436	426	433	407	159	358
24	625	587	610	453	403	428	446	435	442	292	153	227
25	624	600	615	479	453	470	454	445	451	344	292	320
26	626	609	619	492	479	484	462	453	457	366	344	355
27	615	468	556	505	486	493	460	456	458	379	366	371
28	544	450	504	510	495	503	463	458	460	397	379	389
29	586	522	549	503	488	497	465	456	461	405	397	402
30	578	566	572	504	490	498	475	463	468	413	404	410
31	604	577	586	---	---	---	474	454	464	422	413	419
MONTH	---	---	---	610	351	489	586	242	464	456	153	375

SALT RIVER BASIN

03301580 WILSON CREEK NEAR DEATSVILLE, KY--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGRADE, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	435	422	431	395	375	389	375	268	310	344	314	330
2	456	430	442	415	395	405	352	310	330	366	338	353
3	480	456	470	424	400	415	367	348	355	371	318	342
4	500	479	492	434	408	423	385	356	372	372	338	356
5	509	487	501	442	411	431	394	379	388	391	180	346
6	493	462	482	414	179	239	408	381	396	330	208	286
7	465	445	458	317	212	267	416	394	406	356	330	345
8	445	412	430	362	317	339	422	400	412	363	217	303
9	430	413	424	383	362	370	429	405	418	350	291	326
10	443	428	438	392	380	385	433	411	422	373	350	366
11	446	437	444	395	375	386	433	412	423	393	372	386
12	451	444	449	393	371	383	435	414	425	402	389	396
13	457	450	454	397	371	386	432	413	423	414	389	406
14	464	455	460	406	362	387	417	360	365	426	405	416
15	459	454	456	403	335	373	388	321	364	407	223	314
16	462	454	457	360	239	327	351	323	341	370	313	350
17	469	457	464	334	248	297	379	351	370	396	370	387
18	472	460	467	362	331	342	396	354	380	413	387	403
19	471	331	455	369	211	276	391	354	377	426	395	414
20	331	195	256	321	270	298	369	165	266	432	405	421
21	356	306	332	338	321	330	326	273	306	440	418	431
22	387	356	373	341	298	333	351	326	342	443	434	439
23	408	385	397	319	274	305	339	175	235	440	433	436
24	423	396	413	319	274	296	325	262	298	447	438	441
25	439	407	423	326	288	309	342	325	335	452	442	445
26	446	410	435	345	311	326	346	244	288	457	138	311
27	453	199	419	359	339	349	335	305	326	319	141	223
28	334	200	279	373	358	366	364	335	358	328	137	277
29	375	334	356	372	336	350	360	240	308	330	134	259
30	---	---	---	362	344	354	314	226	268	377	330	359
31	---	---	---	375	362	369	---	---	---	398	377	392
MONTH	509	195	426	442	179	349	435	165	354	457	134	363
	JUNE			JULY			AUGUST			SEPTEMBER		
1	413	398	408	461	438	451	405	370	389	496	489	493
2	418	408	413	460	437	450	428	405	419	498	494	496
3	426	414	422	462	438	452	442	420	432	501	497	498
4	434	421	429	464	440	453	453	433	443	---	---	---
5	437	428	434	464	443	453	455	444	450	---	---	---
6	442	434	438	464	450	456	462	444	453	---	---	---
7	440	397	411	467	424	459	465	451	458	---	---	---
8	407	114	299	428	218	307	468	455	460	---	---	---
9	311	194	273	421	369	400	469	455	462	---	---	---
10	352	268	317	440	421	429	475	465	470	---	---	---
11	379	352	371	454	431	444	471	458	468	---	---	---
12	378	297	340	458	435	446	470	403	430	---	---	---
13	398	356	384	464	439	453	412	405	409	---	---	---
14	415	398	411	466	412	455	430	406	418	---	---	---
15	427	415	423	412	175	305	441	426	432	---	---	---
16	435	422	429	431	375	411	457	440	446	---	---	---
17	438	427	433	445	431	436	463	449	453	366	354	359
18	440	404	434	452	439	446	469	456	460	355	352	353
19	430	168	392	458	406	447	472	459	464	358	349	352
20	391	210	334	431	391	414	472	463	468	---	---	---
21	424	391	416	449	431	442	473	462	469	---	---	---
22	440	424	434	464	440	453	479	465	473	---	---	---
23	446	434	441	443	425	434	487	473	477	---	---	---
24	447	439	444	450	433	442	487	481	483	---	---	---
25	441	431	436	461	439	451	491	482	486	---	---	---
26	447	435	439	467	447	457	493	488	490	---	---	---
27	451	441	446	463	448	456	494	481	491	---	---	---
28	454	441	449	465	451	459	490	486	488	---	---	---
29	454	438	448	464	456	460	491	486	489	---	---	---
30	456	435	448	468	459	464	492	486	489	---	---	---
31	---	---	---	459	353	397	495	489	491	---	---	---
MONTH	456	114	407	468	175	435	495	370	458	---	---	---

SALT RIVER BASIN

03301580 WILSON CREEK NEAR DEATSVILLE, KY--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	6.9	6.6	6.7	7.2	6.9	7.0	8.1	7.8	7.9	8.1	7.8	7.9
2	6.8	6.7	6.8	7.9	6.9	7.4	8.1	7.8	7.9	7.9	7.7	7.8
3	6.9	6.8	6.9	7.9	7.8	7.9	7.9	7.8	7.9	8.0	7.7	7.8
4	7.0	6.9	6.9	8.0	7.9	7.9	8.0	7.8	7.9	8.1	7.7	7.9
5	7.2	7.0	7.1	8.0	7.9	7.9	8.0	7.8	7.9	8.1	7.8	7.9
6	7.5	6.8	7.1	8.0	7.9	7.9	8.0	7.8	7.9	8.1	7.8	7.9
7	7.2	6.5	6.8	7.9	7.9	7.9	8.0	7.8	7.9	8.1	7.8	7.9
8	6.8	6.3	6.6	8.0	7.8	7.9	7.9	7.9	7.9	8.1	7.8	7.9
9	6.8	6.4	6.6	7.9	7.8	7.9	8.0	7.8	7.9	8.1	7.8	8.0
10	6.8	6.3	6.4	8.0	7.8	7.9	7.9	7.8	7.9	8.1	7.8	8.0
11	6.6	6.2	6.4	7.9	7.7	7.8	7.9	7.8	7.9	8.1	7.9	8.0
12	6.5	6.3	6.4	7.9	7.7	7.8	8.0	7.8	7.9	8.2	7.9	8.0
13	6.6	6.4	6.5	7.9	7.7	7.8	7.9	7.8	7.9	8.3	7.9	8.1
14	6.7	6.5	6.5	7.9	7.7	7.8	8.0	7.8	7.9	8.2	7.7	7.9
15	6.9	6.6	6.7	8.0	7.8	7.9	7.9	7.8	7.8	8.1	7.7	7.8
16	6.7	6.6	6.7	8.0	7.8	7.9	8.0	7.8	7.9	8.2	7.6	7.8
17	6.8	6.6	6.7	8.1	7.8	7.9	8.0	7.8	7.9	8.3	7.6	7.9
18	6.8	6.6	6.7	8.1	7.8	7.9	7.9	7.6	7.7	8.2	7.5	7.9
19	7.1	6.6	6.7	8.2	7.8	8.0	7.7	7.6	7.6	7.8	7.5	7.7
20	7.1	6.7	6.7	8.1	7.8	8.0	7.8	7.6	7.7	7.9	7.7	7.8
21	7.1	6.8	6.9	8.1	7.8	8.0	7.9	7.7	7.8	8.0	7.8	7.9
22	6.9	6.7	6.8	8.1	7.9	8.0	8.0	7.8	7.9	8.1	7.9	8.0
23	7.2	6.7	6.8	8.0	7.7	7.8	8.0	7.9	7.9	8.0	7.6	7.9
24	7.1	6.7	6.8	8.0	7.7	7.8	7.9	7.8	7.9	7.7	7.5	7.6
25	7.2	6.8	6.9	8.0	7.7	7.8	8.0	7.8	7.9	7.9	7.7	7.8
26	7.0	6.8	6.8	8.0	7.7	7.9	8.0	7.8	7.9	8.0	7.8	7.9
27	7.0	6.3	6.7	7.9	7.7	7.8	8.0	7.8	7.9	8.0	7.9	8.0
28	6.8	6.0	6.4	8.1	7.8	7.9	8.0	7.9	7.9	8.0	7.9	8.0
29	7.1	5.8	6.5	8.1	7.8	7.9	8.0	7.9	8.0	8.1	8.0	8.0
30	7.1	6.5	6.9	8.1	7.8	7.9	8.1	7.9	8.0	8.1	8.0	8.0
31	7.4	7.0	7.1	---	---	---	8.0	7.9	7.9	8.2	8.0	8.1
MONTH	7.5	5.8	6.7	8.2	6.9	7.8	8.1	7.6	7.9	8.3	7.5	7.9
FEBRUARY			MARCH			APRIL			MAY			
1	8.2	8.1	8.1	8.6	8.1	8.3	8.6	8.0	8.2	8.8	8.1	8.4
2	8.2	8.1	8.1	8.6	8.1	8.4	8.7	8.0	8.3	8.8	8.1	8.4
3	8.2	8.0	8.1	8.6	8.1	8.4	8.7	8.0	8.4	8.8	8.1	8.4
4	8.1	8.0	8.1	8.6	8.2	8.4	8.8	8.1	8.3	8.8	8.1	8.4
5	8.1	8.0	8.1	8.5	8.1	8.3	8.6	8.1	8.4	8.6	7.8	8.3
6	8.2	8.0	8.1	8.2	7.8	8.0	8.7	8.1	8.4	8.1	7.9	8.0
7	8.1	8.0	8.1	8.2	7.9	8.0	8.6	8.2	8.4	8.4	8.1	8.2
8	8.2	8.1	8.1	8.4	8.0	8.2	8.6	8.2	8.4	8.2	7.9	8.1
9	8.3	8.1	8.2	8.5	8.1	8.3	8.5	8.2	8.4	8.4	8.0	8.2
10	8.3	8.1	8.2	8.6	8.1	8.3	8.5	8.2	8.3	8.5	8.1	8.3
11	8.3	8.2	8.2	8.6	8.1	8.3	8.5	8.2	8.3	8.4	8.2	8.2
12	8.4	8.2	8.3	8.7	8.1	8.4	8.4	8.2	8.3	8.6	8.2	8.4
13	8.4	8.2	8.3	8.8	8.1	8.4	8.3	8.1	8.2	8.5	8.1	8.3
14	8.5	8.2	8.3	8.8	8.1	8.4	8.5	8.2	8.3	8.5	8.2	8.3
15	8.5	8.2	8.4	8.7	8.0	8.3	8.4	8.2	8.3	8.4	7.9	8.1
16	8.5	8.3	8.5	8.5	7.9	8.1	8.6	8.2	8.3	8.4	8.0	8.2
17	8.5	8.4	8.4	8.7	7.9	8.2	8.6	8.2	8.4	8.5	8.1	8.3
18	8.5	8.4	8.4	8.8	8.0	8.4	8.6	8.2	8.4	8.5	8.1	8.3
19	8.5	8.1	8.4	8.2	7.8	7.9	8.6	8.2	8.4	8.4	8.1	8.3
20	8.3	7.9	8.1	8.3	7.9	8.1	8.5	7.9	8.2	8.4	8.1	8.3
21	8.6	8.2	8.4	8.5	8.0	8.2	8.6	8.1	8.3	8.3	7.9	8.2
22	8.5	8.2	8.3	8.6	8.0	8.2	8.7	8.2	8.4	8.0	7.8	7.9
23	8.6	8.1	8.3	8.7	7.9	8.2	8.4	8.0	8.1	8.1	7.8	7.9
24	8.5	8.1	8.3	8.8	7.9	8.3	8.7	8.1	8.3	8.0	7.7	7.9
25	8.6	8.1	8.4	8.8	8.0	8.3	8.8	8.2	8.5	8.0	7.7	7.9
26	8.5	8.1	8.3	8.9	8.0	8.4	8.7	8.1	8.4	7.9	7.4	7.6
27	8.5	7.9	8.3	8.9	8.0	8.4	8.7	8.1	8.4	7.7	7.4	7.5
28	8.6	7.9	8.2	8.7	8.0	8.3	8.4	8.1	8.2	7.8	7.4	7.6
29	8.6	8.1	8.3	8.6	8.1	8.3	8.5	8.0	8.2	7.8	7.4	7.6
30	---	---	---	8.8	8.0	8.4	8.6	8.0	8.2	7.9	7.7	7.8
31	---	---	---	8.6	8.0	8.3	---	---	---	8.0	7.8	7.9
MONTH	8.6	7.9	8.3	8.9	7.8	8.3	8.8	7.9	8.3	8.8	7.4	8.1

SALT RIVER BASIN

03301580 WILSON CREEK NEAR DEATSVILLE, KY--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.1	7.8	8.0	8.0	7.8	7.9	8.2	7.9	8.0	7.5	7.5	7.5
2	8.0	7.8	7.9	7.9	7.7	7.8	8.2	8.0	8.1	7.5	7.5	7.5
3	8.0	7.8	7.9	7.9	7.8	7.9	8.1	7.9	8.0	7.5	6.5	7.2
4	8.0	7.8	7.9	8.0	7.8	7.9	8.1	7.9	8.0	---	---	---
5	8.0	7.8	7.9	8.0	7.9	7.9	8.1	7.9	8.0	---	---	---
6	8.0	7.8	7.9	8.0	7.8	7.9	8.0	7.8	7.9	---	---	---
7	8.0	7.8	7.9	8.0	7.8	7.9	7.9	7.8	7.8	---	---	---
8	7.9	7.4	7.7	8.0	7.7	7.8	7.9	7.8	7.8	---	---	---
9	7.7	7.4	7.6	8.4	7.8	8.0	8.0	7.7	7.8	---	---	---
10	7.8	7.7	7.7	8.5	8.2	8.3	7.9	7.8	7.9	---	---	---
11	7.9	7.8	7.8	8.5	8.2	8.3	7.9	7.8	7.9	---	---	---
12	7.8	7.7	7.8	8.5	8.2	8.3	8.0	7.9	8.0	---	---	---
13	7.9	7.8	7.8	8.4	8.1	8.2	8.0	7.9	7.9	---	---	---
14	8.0	7.8	7.9	8.3	8.0	8.1	8.0	7.7	7.9	---	---	---
15	8.0	7.8	7.9	8.2	7.9	8.1	7.9	7.8	7.8	7.1	6.9	7.0
16	8.0	7.8	7.9	8.3	8.1	8.2	7.8	7.8	7.8	7.9	6.9	7.6
17	8.0	7.8	7.9	8.4	8.1	8.2	7.8	7.8	7.8	7.9	7.8	7.8
18	8.0	7.8	7.9	8.4	8.1	8.2	7.8	7.7	7.8	7.9	7.8	7.9
19	8.1	7.8	7.9	8.4	8.1	8.2	7.8	7.7	7.8	8.0	7.8	7.9
20	8.1	7.8	7.9	8.2	7.9	8.1	7.8	7.7	7.8	---	---	---
21	8.1	7.9	8.0	8.2	8.0	8.1	7.8	7.7	7.7	---	---	---
22	8.1	7.9	8.0	8.2	8.0	8.1	7.7	7.6	7.7	---	---	---
23	8.1	7.8	8.0	8.2	8.0	8.1	7.7	7.6	7.7	---	---	---
24	8.1	7.9	7.9	8.2	8.0	8.1	7.7	7.6	7.7	---	---	---
25	8.1	7.9	8.0	8.2	8.0	8.1	7.7	7.6	7.6	---	---	---
26	8.1	7.9	8.0	8.2	8.0	8.1	7.7	7.6	7.6	---	---	---
27	8.0	7.8	8.0	8.2	8.0	8.1	7.7	7.6	7.6	---	---	---
28	8.1	7.8	7.9	8.2	8.0	8.1	7.7	7.6	7.6	---	---	---
29	8.0	7.8	7.9	8.2	7.9	8.1	7.7	7.6	7.6	---	---	---
30	8.0	7.7	7.9	8.0	7.9	8.0	7.7	7.5	7.6	---	---	---
31	---	---	---	8.1	7.9	8.0	7.6	7.5	7.6	---	---	---
MONTH	8.1	7.4	7.9	8.5	7.7	8.1	8.2	7.5	7.8	---	---	---

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	18.7	15.7	17.2	16.1	14.9	15.5	8.2	4.2	5.7	6.8	4.8	5.9
2	19.7	16.7	18.2	18.2	15.7	16.6	8.1	4.2	5.9	6.7	5.1	6.0
3	19.4	18.6	19.0	15.7	8.7	12.1	8.2	5.7	7.0	5.1	2.8	3.6
4	19.2	17.8	18.6	9.4	5.8	7.4	7.9	5.0	6.4	3.4	2.1	2.8
5	19.2	18.5	19.0	5.8	3.8	4.7	6.8	4.3	5.4	3.6	2.2	3.2
6	19.4	18.5	18.8	7.2	3.3	5.1	6.0	3.7	4.6	2.2	.2	1.1
7	18.5	16.4	17.6	10.5	7.2	9.1	4.8	2.2	3.6	.5	.4	.5
8	17.0	14.2	15.8	9.0	5.6	7.4	2.2	.7	1.4	.5	.3	.4
9	17.2	13.5	15.4	7.3	4.2	5.5	2.1	.4	1.5	.5	.2	.4
10	17.6	13.7	15.7	8.8	5.7	7.0	1.6	.3	.7	1.0	.2	.5
11	17.9	14.3	16.2	10.3	6.5	8.9	1.1	.3	.5	1.5	.2	.7
12	18.0	14.2	16.3	6.5	4.4	5.7	1.0	.3	.5	2.1	1.1	1.6
13	17.0	14.2	15.7	8.7	5.9	7.2	1.6	.5	1.0	4.4	1.7	2.8
14	17.2	13.6	16.3	8.5	6.4	7.5	7.4	1.6	4.5	4.6	1.6	3.0
15	15.2	10.4	12.9	6.6	4.3	5.5	8.4	6.6	7.4	5.3	2.9	4.0
16	15.1	10.1	12.5	6.1	4.7	5.3	8.1	6.2	7.3	6.7	3.6	5.0
17	15.2	9.7	12.4	8.2	5.2	6.5	6.2	4.4	5.5	9.3	6.7	7.8
18	16.0	11.0	13.5	8.6	7.2	8.0	8.1	6.1	7.2	10.7	7.0	9.0
19	16.5	12.1	14.5	10.0	7.1	8.1	8.1	5.7	7.3	7.0	1.6	3.6
20	15.3	12.9	14.5	9.2	5.2	7.0	5.7	3.7	4.5	3.4	1.2	2.2
21	13.0	10.8	12.3	8.2	4.7	6.5	4.1	3.3	3.7	4.8	2.8	3.7
22	14.3	8.5	11.4	5.7	2.4	4.0	4.3	3.3	3.8	5.4	2.4	4.0
23	15.3	10.5	13.0	6.9	4.3	5.6	3.6	2.0	2.9	6.3	5.3	5.7
24	16.2	12.4	14.7	6.2	4.4	5.3	2.5	1.3	1.9	6.3	3.5	5.1
25	14.3	9.1	11.8	5.9	3.0	4.5	2.4	1.1	1.9	5.0	2.2	3.6
26	13.7	11.3	12.5	8.1	4.0	6.1	1.1	.2	.7	6.8	3.2	4.7
27	14.1	12.8	13.4	10.3	7.7	8.9	2.5	.4	1.5	6.9	2.2	4.4
28	14.1	12.5	13.1	9.5	6.0	7.4	1.2	.2	.7	3.6	.4	2.1
29	14.5	11.4	12.9	7.4	4.2	5.7	3.5	1.1	1.8	6.0	3.6	4.6
30	12.7	11.7	12.3	5.5	2.2	3.8	2.6	.2	1.3	4.6	1.9	2.8
31	15.3	12.5	13.9	---	---	---	4.8	2.3	3.4	1.9	.3	1.0
MONTH	19.7	8.5	14.9	18.2	2.2	7.3	8.4	.2	3.6	10.7	.2	3.4

SALT RIVER BASIN

03301580 WILSON CREEK NEAR DEATSVILLE, KY--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	.6	.4	.5	6.3	2.0	4.3	11.3	7.9	9.5	15.2	9.7	12.1
2	.6	.5	.6	6.0	2.9	4.4	13.4	6.1	9.4	17.0	10.3	13.4
3	.6	.3	.5	4.2	1.1	3.0	15.8	7.2	11.3	19.6	12.5	15.7
4	.6	.3	.5	6.5	.5	3.6	13.2	9.6	11.6	19.1	15.0	16.9
5	.6	.3	.5	8.8	6.4	7.5	9.6	7.1	8.1	19.3	15.2	17.0
6	.6	.3	.5	10.3	7.1	8.7	10.4	5.3	7.7	15.5	14.4	14.8
7	.6	.5	.6	7.1	4.0	5.4	9.7	4.5	7.4	16.9	13.5	14.9
8	.6	.5	.6	4.6	1.8	3.2	9.7	7.0	8.3	17.2	14.8	15.7
9	1.8	.4	1.1	5.6	.9	2.9	9.6	4.5	7.4	20.5	13.9	16.8
10	7.1	1.0	3.7	6.7	.9	3.7	12.4	4.5	8.7	21.3	15.0	18.0
11	7.0	3.4	5.1	8.2	1.7	4.8	14.7	6.4	10.8	19.5	14.0	16.2
12	3.7	2.3	2.9	9.1	2.6	5.8	19.1	10.9	14.9	16.2	12.3	14.2
13	5.5	1.8	3.4	10.6	4.0	7.3	17.4	12.0	14.3	14.6	11.8	12.7
14	6.2	3.7	4.9	13.3	7.3	10.3	14.3	10.1	12.0	16.1	9.0	12.4
15	5.5	3.5	4.4	12.2	9.0	10.7	13.5	10.0	11.8	15.8	12.9	14.5
16	3.6	1.2	2.5	9.0	6.5	7.9	14.2	8.5	11.0	18.4	14.7	16.1
17	2.5	.2	1.2	11.8	8.2	9.5	16.1	7.2	11.6	21.5	15.2	18.1
18	4.3	.2	2.0	11.5	6.6	9.0	17.4	9.7	13.8	23.0	16.8	19.9
19	4.2	1.7	2.7	8.9	5.3	6.7	18.0	14.4	16.1	23.4	18.1	21.0
20	7.2	4.2	5.5	6.5	4.9	5.6	17.3	13.1	15.4	23.8	19.2	21.6
21	9.2	4.7	6.7	7.1	5.2	5.9	18.1	12.0	14.8	22.5	19.3	20.3
22	10.4	7.0	8.6	9.8	3.6	6.2	18.1	13.6	15.7	21.8	16.2	18.9
23	13.1	8.2	10.5	10.8	4.2	7.1	16.5	11.6	13.6	22.0	16.2	19.1
24	11.6	7.1	9.2	13.1	6.0	9.2	16.6	9.2	12.4	24.1	19.0	21.3
25	9.5	5.1	7.5	12.7	7.8	10.4	17.7	11.5	14.2	22.5	19.6	20.9
26	11.1	8.7	9.8	10.6	5.7	7.8	15.6	12.0	13.9	21.0	17.0	18.7
27	13.4	10.4	11.6	10.6	4.6	7.5	16.8	8.7	12.3	17.9	16.5	17.1
28	10.6	5.5	8.4	9.5	7.8	8.7	14.6	11.3	12.1	19.7	15.8	17.4
29	6.2	3.4	4.8	10.3	8.7	9.4	16.3	11.8	13.5	18.4	15.9	17.1
30	---	---	---	12.7	9.3	10.7	14.2	10.7	12.3	18.5	14.7	16.6
31	---	---	---	12.0	9.3	10.7	---	---	---	19.0	13.7	16.4
MONTH	13.4	.2	4.2	13.3	.5	7.0	19.1	4.5	11.9	24.1	9.0	17.0
JUNE				JULY			AUGUST			SEPTEMBER		
1	18.3	15.8	17.2	28.7	23.7	26.0	24.4	19.0	21.4	24.3	20.8	22.4
2	17.9	16.4	16.9	28.6	24.3	26.2	24.1	20.3	22.1	24.3	21.4	22.8
3	20.3	16.4	18.0	26.7	22.7	24.6	25.0	20.6	22.6	23.5	22.1	22.8
4	18.8	16.1	17.6	24.8	19.9	22.4	26.7	21.2	23.6	---	---	---
5	20.1	14.6	17.4	25.5	19.9	22.5	27.0	22.5	24.6	---	---	---
6	19.6	17.0	18.4	26.4	19.9	22.8	28.2	23.5	25.7	---	---	---
7	19.3	18.2	18.6	26.5	21.6	23.8	28.6	24.6	26.6	---	---	---
8	18.2	16.2	17.0	24.6	21.3	22.2	27.8	25.2	26.3	---	---	---
9	18.2	15.8	16.6	24.7	21.2	22.7	26.0	23.0	24.7	---	---	---
10	18.1	15.7	16.8	24.5	19.0	21.5	24.8	21.7	23.3	---	---	---
11	18.5	16.0	17.0	22.6	18.5	20.4	23.7	21.9	22.4	---	---	---
12	19.3	16.1	17.6	24.8	19.4	21.7	23.8	20.8	22.0	---	---	---
13	20.5	16.5	18.4	24.8	21.7	23.1	25.3	20.7	22.7	---	---	---
14	22.3	17.6	19.9	24.8	21.7	23.1	25.5	21.2	23.3	---	---	---
15	22.9	18.6	20.8	23.1	20.0	21.4	24.6	21.7	22.9	19.2	14.4	17.0
16	23.2	19.3	21.5	24.8	19.5	22.0	25.4	21.8	23.3	20.2	18.0	18.8
17	24.1	20.3	22.3	26.0	20.7	23.0	24.4	22.4	23.5	19.9	18.7	19.2
18	23.7	21.1	22.5	26.9	22.4	24.3	25.8	22.6	24.0	19.8	17.3	18.6
19	24.5	20.3	22.1	27.6	23.7	25.3	26.9	23.3	25.0	20.4	16.6	18.4
20	23.6	19.7	21.5	25.5	23.4	23.8	27.1	23.8	25.4	---	---	---
21	24.4	20.3	22.4	24.6	21.4	22.8	26.5	24.2	25.5	---	---	---
22	25.4	21.5	23.5	23.7	22.6	23.1	27.7	24.5	26.0	---	---	---
23	27.1	23.0	24.8	25.3	20.6	22.7	27.5	24.7	26.1	---	---	---
24	27.5	23.4	25.0	26.8	21.1	23.6	26.5	24.6	25.3	---	---	---
25	26.3	22.2	23.9	25.2	22.2	23.5	25.1	22.2	23.7	---	---	---
26	24.7	19.8	22.0	24.8	20.1	22.4	24.8	21.3	22.9	---	---	---
27	25.4	19.0	21.6	25.5	20.5	22.8	24.5	22.6	23.5	---	---	---
28	26.4	20.0	22.7	24.4	21.1	22.3	25.0	21.9	23.2	---	---	---
29	27.4	21.3	23.9	23.5	21.0	22.2	24.9	21.9	23.4	---	---	---
30	28.7	22.5	25.2	23.0	21.6	22.3	24.7	22.0	23.3	---	---	---
31	---	---	---	23.1	21.2	22.1	24.1	21.2	22.6	---	---	---
MONTH	28.7	14.6	20.4	28.7	18.5	23.0	28.6	19.0	23.9	---	---	---

SALT RIVER BASIN

03301580 WILSON CREEK NEAR DEATSVILLE, KY--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	16.6	13.0	14.6	15.3	12.6	13.9
2	---	---	---	---	---	---	16.7	12.7	14.3	13.6	12.5	13.1
3	---	---	---	11.3	8.3	10.2	13.6	11.6	12.5	16.9	13.6	15.5
4	---	---	---	13.5	11.3	12.8	16.3	11.3	13.7	18.1	15.3	16.5
5	---	---	---	15.5	13.3	14.6	16.2	13.2	14.4	18.0	15.1	16.2
6	---	---	---	15.5	12.8	14.6	17.7	13.0	15.1	20.0	16.2	17.8
7	---	---	---	12.8	10.9	11.3	18.7	14.1	16.2	20.1	16.3	17.8
8	---	---	---	14.0	11.0	12.7	18.9	16.2	17.4	21.5	16.3	18.4
9	---	---	---	15.6	13.2	14.3	20.5	15.7	18.1	22.0	16.4	18.4
10	---	---	---	14.3	11.4	13.1	22.2	17.3	19.6	22.4	16.5	18.7
11	---	---	---	12.5	10.3	11.3	20.8	16.9	18.8	21.1	16.7	18.1
12	---	---	---	15.3	12.5	13.9	19.6	16.5	18.0	20.2	16.6	17.9
13	---	---	---	13.5	11.4	12.5	18.2	16.2	17.2	20.6	15.3	17.4
14	---	---	---	14.0	11.4	12.6	16.8	13.2	15.2	19.5	14.7	16.7
15	---	---	---	15.9	12.6	14.2	13.2	11.4	12.1	17.5	14.4	15.7
16	---	---	---	16.0	13.4	14.3	13.4	11.4	12.4	16.9	13.1	14.9
17	---	---	---	16.3	11.7	14.0	15.7	12.5	13.9	15.3	11.7	13.1
18	---	---	---	14.8	11.3	12.6	12.7	11.7	12.2	14.7	11.4	12.3
19	---	---	---	16.5	11.2	13.2	13.1	11.6	12.1	16.9	13.1	15.5
20	---	---	---	17.5	12.0	14.0	15.2	13.1	14.4	17.5	15.6	16.7
21	---	---	---	17.9	11.7	14.1	15.9	14.5	15.1	16.2	14.5	15.4
22	---	---	---	20.1	13.6	16.1	16.4	14.5	15.2	16.4	13.3	15.1
23	---	---	---	14.7	12.2	13.2	17.2	14.8	16.1	13.6	12.7	13.2
24	---	---	---	16.7	12.4	14.3	18.5	16.2	17.1	14.4	12.5	13.4
25	---	---	---	18.0	13.3	15.2	18.3	16.3	17.0	15.8	13.5	14.6
26	---	---	---	17.4	11.3	14.1	20.4	16.5	17.9	14.6	11.7	13.6
27	---	---	---	11.8	10.0	10.9	19.8	16.6	17.6	15.1	11.7	13.7
28	---	---	---	16.0	10.0	12.7	20.1	16.8	18.1	17.1	13.7	15.4
29	---	---	---	17.0	12.5	14.4	20.5	17.1	18.1	13.9	12.3	13.3
30	---	---	---	18.0	14.2	15.8	21.7	16.3	18.2	15.8	12.7	14.4
31	---	---	---	---	---	---	16.5	13.9	15.5	17.5	14.8	15.9
MONTH	---	---	---	---	---	---	22.2	11.3	15.7	22.4	11.4	15.6
	FEBRUARY			MARCH			APRIL			MAY		
1	16.4	14.9	15.5	13.6	10.7	12.1	11.1	8.4	9.9	13.1	9.0	11.1
2	16.5	14.8	15.5	13.3	10.9	11.9	13.2	8.7	10.6	13.9	8.0	10.7
3	17.1	14.7	15.7	14.8	11.0	13.1	12.4	7.9	9.9	12.5	7.3	9.6
4	17.8	14.5	15.7	15.3	10.2	13.1	11.6	8.1	9.5	11.5	7.3	9.0
5	17.7	14.3	15.5	10.4	8.8	9.8	13.0	9.5	11.3	11.1	7.1	8.6
6	17.9	13.9	15.1	10.0	8.8	9.4	13.1	10.2	11.7	9.5	8.8	9.1
7	14.3	13.4	13.8	11.7	10.0	11.0	13.3	10.1	11.7	10.3	8.2	9.2
8	14.0	12.9	13.4	13.7	11.4	12.6	12.5	10.1	11.2	9.8	8.2	8.9
9	16.4	12.9	14.0	14.5	11.7	13.0	13.2	10.5	11.8	10.2	7.5	8.9
10	15.0	8.8	12.4	14.8	11.0	12.8	13.0	9.3	11.3	10.1	7.1	8.6
11	12.4	8.8	10.7	14.3	10.3	12.2	12.0	8.1	10.3	9.5	7.1	8.4
12	15.0	11.4	12.7	14.0	9.8	11.8	10.2	7.0	8.8	11.2	8.7	9.9
13	15.2	11.1	12.9	13.8	8.9	11.3	9.2	6.9	8.2	11.9	8.7	10.4
14	13.0	10.0	11.5	13.3	7.7	10.2	10.7	8.7	9.8	12.8	8.3	10.8
15	13.4	9.8	11.7	10.6	7.7	9.0	10.1	8.9	9.5	10.5	8.3	9.4
16	14.6	11.3	13.3	12.9	9.0	10.4	11.3	9.5	10.4	10.2	7.9	9.1
17	15.8	12.7	13.8	11.6	8.8	10.0	12.0	8.4	10.3	10.1	7.1	8.7
18	15.2	12.3	13.4	13.5	8.9	10.6	11.0	7.8	9.8	9.9	6.5	8.0
19	13.2	10.2	12.0	11.0	9.0	10.3	9.9	7.7	8.7	9.9	6.3	7.8
20	10.4	8.7	9.6	11.9	10.9	11.3	10.4	7.5	9.2	9.5	6.1	7.6
21	10.2	7.3	9.0	12.6	10.9	11.5	11.1	8.3	9.8	10.7	6.2	8.1
22	10.8	7.5	8.8	13.6	10.5	11.8	10.3	8.0	9.1	11.4	8.1	9.5
23	10.6	7.7	9.3	13.4	9.9	11.5	10.8	8.1	10.0	11.4	7.7	9.2
24	11.5	7.8	9.7	12.8	8.6	10.6	12.3	9.0	10.8	10.4	7.1	8.4
25	12.6	8.7	10.7	11.3	8.8	9.9	11.5	8.2	10.0	10.3	6.7	8.2
26	10.4	7.9	8.8	14.7	10.0	11.7	11.1	8.2	9.9	10.4	7.1	8.9
27	10.2	7.4	8.6	15.2	9.4	12.0	13.4	8.6	11.1	10.2	9.4	9.9
28	10.8	8.7	9.8	12.9	9.2	10.6	11.4	8.6	10.2	10.2	8.6	9.7
29	13.0	10.5	11.7	11.6	9.2	10.1	11.1	9.2	9.9	10.2	9.1	9.7
30	---	---	---	12.6	8.6	10.2	12.3	9.6	10.8	10.6	8.7	9.7
31	---	---	---	11.5	8.4	9.7	---	---	---	11.1	8.4	9.8
MONTH	17.9	7.3	12.2	15.3	7.7	11.1	13.4	6.9	10.2	13.9	6.1	9.2

SALT RIVER BASIN

03301580 WILSON CREEK NEAR DEATSVILLE, KY--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	10.6	8.4	9.5	9.2	6.1	7.3	9.2	7.3	8.2	6.9	5.0	5.8
2	9.7	8.5	9.1	8.9	5.9	7.1	9.3	7.2	8.1	6.0	4.6	5.2
3	10.2	8.2	9.3	8.8	6.1	7.3	8.9	6.8	7.8	4.7	3.0	3.8
4	10.7	8.2	9.4	9.4	6.9	8.1	8.1	6.3	7.5	---	---	---
5	11.2	8.3	9.6	8.7	7.2	7.9	8.0	6.3	7.2	---	---	---
6	10.9	8.0	9.2	8.6	7.0	7.7	7.5	6.3	6.9	---	---	---
7	9.6	7.9	8.8	8.3	6.6	7.5	6.8	6.0	6.4	---	---	---
8	10.5	8.8	9.8	8.8	7.1	7.6	6.3	5.6	5.9	---	---	---
9	10.6	9.5	10.2	9.3	6.9	7.9	7.7	5.5	6.3	---	---	---
10	10.4	9.3	10.0	9.1	6.9	7.8	7.5	6.2	6.7	---	---	---
11	10.1	8.9	9.5	10.1	6.9	8.3	8.0	5.9	6.9	---	---	---
12	10.1	8.8	9.5	9.5	6.9	8.2	8.7	7.4	8.0	---	---	---
13	10.0	8.1	9.2	8.5	6.3	7.2	8.4	6.9	7.7	---	---	---
14	9.9	7.7	8.8	8.4	5.9	7.0	8.2	7.0	7.5	---	---	---
15	9.9	7.5	8.6	9.6	7.0	8.7	8.1	6.7	7.3	12.7	11.4	11.9
16	10.0	7.1	8.4	9.3	7.2	8.2	7.7	6.8	7.2	11.6	4.8	7.8
17	10.0	7.0	8.3	9.4	6.9	8.0	7.6	6.5	7.1	7.4	6.5	6.9
18	9.7	6.8	8.0	9.2	6.3	7.5	7.5	6.4	6.9	7.2	6.6	6.9
19	9.7	7.1	8.4	8.8	5.4	6.8	7.5	6.1	6.7	7.2	6.0	6.8
20	9.7	7.3	8.8	8.1	5.7	6.6	7.4	5.7	6.3	---	---	---
21	10.0	7.0	8.4	8.9	6.2	7.2	7.0	5.3	5.9	---	---	---
22	10.1	6.8	8.2	8.7	6.2	7.3	6.8	5.4	6.0	---	---	---
23	9.4	6.5	7.6	9.6	6.5	7.7	6.7	5.5	6.1	---	---	---
24	8.7	6.0	7.0	9.0	6.1	7.3	6.4	5.3	5.8	---	---	---
25	9.3	6.4	7.6	9.0	5.7	7.0	6.3	5.5	5.8	---	---	---
26	10.0	6.4	8.1	9.0	6.4	7.5	6.8	5.5	6.1	---	---	---
27	10.1	7.2	8.3	8.9	6.5	7.6	7.0	5.4	6.1	---	---	---
28	10.2	7.1	8.2	8.8	6.3	7.5	6.9	5.6	6.2	---	---	---
29	9.4	6.5	7.8	8.4	6.4	7.5	7.3	5.6	6.2	---	---	---
30	9.0	6.2	7.4	8.0	6.4	7.2	7.0	5.5	6.2	---	---	---
31	---	---	---	9.1	6.7	8.0	6.5	5.5	6.0	---	---	---
MONTH	11.2	6.0	8.7	10.1	5.4	7.6	9.3	5.3	6.7	---	---	---

SALT RIVER BASIN

03301880 SOUTHERN DITCH AT MINORS LANE NEAR OKOLONA, KY

WATER-QUALITY RECORDS

LOCATION.--Lat 38°08'04", long 85°42'34", Jefferson County, Hydrologic Unit 05140102, at bridge on Minors Lane, 0.2 mi below Mud Creek, and at mile 4.2.

DRAINAGE AREA.--12.8 mi².

PERIOD OF RECORD.--February 1988 to current year.

REMARKS.--Samples were collected monthly.

COOPERATION.--Field determinations were made in cooperation with Louisville and Jefferson County Metropolitan Sewer District personnel.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	STREAM- FLOW INSTAN- TANEOUS (FT ³ /S (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
OCT						
16...	1040	0.60	783	7.5	12.0	8.6
NOV						
06...	1015	1.7	520	7.9	4.0	11.8
DEC						
11...	1150	1.5	1020	7.6	1.5	14.9
FEB						
05...	1110	2.9	783	7.4	0.5	14.6
MAR						
11...	1115	15	601	7.8	6.0	13.7
APR						
08...	1220	6.9	606	8.1	4.0	11.6
MAY						
06...	1030	28	475	7.5	16.5	8.1
JUL						
17...	1145	1.9	580	7.7	27.0	6.0
SEP						
11...	1220	0.96	481	7.4	25.0	3.8

SALT RIVER BASIN
03301885 SLOP DITCH NEAR OKOLONA, KY

WATER-QUALITY RECORDS

LOCATION.--Lat 38°08'40", long 85°43'15", Jefferson County, Hydrologic Unit 05140102, at bridge on service road at Outer Loop landfill.

DRAINAGE AREA.--1.4 mi².

PERIOD OF RECORD.--April 1994 to present (discontinued).

REMARKS.--Samples were collected monthly.

COOPERATION.--Field determinations were made in cooperation with Louisville and Jefferson County Metropolitan Sewer District personnel.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	STREAM- FLOW INSTAN- TANEOUS (FT ³ /S (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
OCT						
23 . . .	1210	0.41	622	7.5	14.0	7.9
NOV						
13 . . .	1330	6.9	368	7.3	5.5	10.7
JAN						
22 . . .	0850	1.4	946	6.9	2.0	11.5
FEB						
12 . . .	1330	0.48	1160	7.6	4.0	15.8
MAR						
18 . . .	1235	1.9	626	7.9	14.0	12.8
APR						
15 . . .	1245	3.0	650	7.5	15.0	9.3
MAY						
20 . . .	1230	0.54	666	7.7	29.0	7.5
JUL						
17 . . .	1240	0.38	574	7.7	31.0	7.1

SALT RIVER BASIN

03301900 FERN CREEK AT OLD BARDSTOWN ROAD AT LOUISVILLE, KY

WATER-QUALITY RECORDS

LOCATION.-- Lat 38°10'32", long 85°36'55", Jefferson County, Hydrologic Unit 05140102, at bridge on Old Bardstown Road, and at mile 3.2.

DRAINAGE AREA.--3.5 mi².

PERIOD OF RECORD.--February 1988 to current year.

REMARKS.--Samples were collected monthly.

COOPERATION.--Field determinations were made in cooperation with Louisville and Jefferson County Metropolitan Sewer District personnel.

WATER-QUALITY DATA. WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	STREAM- FLOW INSTAN- TANEOUS (FT ³ /S (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
OCT 23...	1105	3.6	742	7.7	13.0	8.7
NOV 21...	1220	3.6	516	8.4	9.0	16.5
DEC 13...	1320	1.5	708	7.6	6.0	12.2
FEB 21...	1210	8.4	672	8.1	10.5	11.3
MAR 13...	0835	8.4	682	8.1	7.0	11.1
APR 10...	1245	4.8	658	8.5	14.5	15.0
MAY 29...	1300	31	505	7.8	18.5	8.2
JUL 24...	1310	1.8	693	8.2	22.5	9.2
SEP 12...	1225	1.4	622	8.0	20.5	8.4

SALT RIVER BASIN
03301940 NORTHERN DITCH AT OKOLONA, KY

WATER-QUALITY RECORDS

LOCATION.--Lat 38°09'01", long 85°41'37", Jefferson County, Hydrologic Unit 05140102, at bridge on Preston Highway, 0.1 mi above Spring Ditch, and at mile 5.1.
DRAINAGE AREA.-- 11.1 mi².

PERIOD OF RECORD.--February 1988 to current year.

REMARKS.--Samples were collected monthly.

COOPERATION.--Field determinations were made in cooperation with Louisville and Jefferson County Metropolitan Sewer District personnel.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	STREAM- FLOW INSTAN- TANEOUS (FT ³ /S (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
OCT 16...	0925	6.0	712	7.9	10.0	13.2
NOV 08...	0915	8.2	689	8.3	6.0	16.7
DEC 11...	1020	2.9	816	8.0	0.0	18.6
FEB 07...	0915	8.9	772	7.6	0.0	11.9
MAR 11...	1015	23	618	8.1	6.0	14.1
APR 08...	1025	16	605	8.5	9.0	15.8
MAY 08...	0945	62	511	7.8	16.0	8.3
JUL 15...	1020	28	380	7.9	23.5	8.7
SEP 11...	1100	3.5	463	8.4	23.0	12.7

SALT RIVER BASIN

03301950 SPRING DITCH AT PRIVATE DRIVE NEAR OKOLONA, KY

WATER-QUALITY RECORDS

LOCATION.--Lat 38°09'27", long 85°40'57", Jefferson County. Hydrologic Unit 05140102, at bridge on Private Drive, and at mile 1.0.

DRAINAGE AREA.--1.6 mi².

PERIOD OF RECORD.--February 1988 to current year.

REMARKS.--Samples were collected monthly.

COOPERATION.--Field determinations were made in cooperation with Louisville and Jefferson County Metropolitan Sewer District personnel.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	STREAM- FLOW INSTAN- TANEOUS (FT ³ /S (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
OCT 16...	0835	0.12	759	7.5	9.5	7.5
NOV 06...	0850	0.40	503	7.6	7.0	11.9
DEC 11...	0915	0.14	735	7.1	0.0	13.3
FEB 05...	0900	0.78	880	7.3	0.5	11.9
MAR 11...	0850	2.9	678	7.5	7.5	15.4
APR 08...	0850	1.6	710	7.5	9.0	13.4
MAY 06...	0850	14	376	7.3	16.5	6.4
JUL 15...	0910	8.8	347	7.4	23.0	6.4
SEP 16...	1145	11	259	7.1	20.0	7.4

SALT RIVER BASIN

03302000 POND CREEK NEAR LOUISVILLE, KY

LOCATION.--Lat 38°07'11", long 85°47'45", Jefferson County, Hydrologic Unit 05140102, on upstream side of bridge on Manslick Rd, right bank, 0.4 mi south of Third Street Rd, 0.6 mi downstream from Bee Lick Creek, 1.5 mi downstream from confluence of Northern and Southern Ditches, 2.4 mi south of Louisville city limits, and at mile 15.4.

DRAINAGE AREA.--64.0 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1944 to current year.

REVISED RECORDS.--WSP 1705: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 430.38 ft above sea level. See WDR KY-90-1 for history of changes prior to Nov. 16, 1962.

REMARKS.--Estimated daily discharges: Dec. 9-11, 26, Jan. 6-12, Jan. 31-Feb. 7, May 23-25, and Sept. 16-24. Water-discharge records good, except for periods of estimated record, which are fair.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in January 1937 reached a stage of about 23 ft present datum, backwater from Ohio River, from information by local residents.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996--DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.9	16	11	56	40	78	642	209	108	10	8.2	6.0
2	2.8	66	11	259	35	62	202	134	160	22	18	5.7
3	101	96	10	249	31	46	133	109	96	50	25	8.9
4	54	28	11	96	27	36	107	513	62	14	9.4	8.8
5	1050	19	10	69	24	63	87	358	45	10	7.3	7.4
6	268	16	9.8	60	22	1220	66	445	63	8.9	6.9	7.6
7	63	62	9.4	54	25	374	58	164	214	13	6.8	36
8	37	28	9.5	51	31	185	50	322	560	57	188	23
9	26	19	9.2	46	41	119	41	179	621	14	108	121
10	20	16	8.8	52	27	94	34	238	479	9.2	22	58
11	16	209	8.5	55	27	79	31	1180	953	7.8	13	16
12	13	69	10	59	23	70	28	275	901	7.9	13	12
13	11	108	11	66	19	60	96	149	231	19	13	8.3
14	10	63	12	152	20	50	105	104	135	77	9.5	6.8
15	9.8	36	118	184	21	226	90	442	90	330	7.9	6.2
16	9.0	25	311	149	17	179	67	166	69	23	7.9	450
17	8.4	21	73	208	15	202	43	104	57	11	8.5	80
18	8.7	18	517	398	15	104	35	72	91	8.5	6.8	35
19	8.2	16	714	958	95	888	51	52	107	17	6.7	20
20	50	14	206	159	609	639	593	40	67	8.3	8.9	15
21	22	14	109	108	156	301	158	32	37	262	27	35
22	11	13	76	88	109	206	208	25	29	174	19	30
23	9.0	32	56	451	82	183	713	22	25	33	11	25
24	15	17	42	1680	60	149	275	19	22	18	9.9	21
25	11	13	34	225	48	183	150	33	22	13	9.7	19
26	9.4	12	28	160	50	109	296	2690	23	11	6.8	18
27	200	13	24	137	240	79	123	2060	19	9.2	6.7	450
28	122	20	20	87	401	115	221	1120	15	8.2	6.0	613
29	37	13	18	74	112	233	963	2210	13	22	5.6	112
30	21	11	17	59	---	114	622	289	11	18	6.8	61
31	16	---	41	48	---	134	---	165	---	11	7.4	---
TOTAL	2242.2	1103	2545.2	6497	2422	6580	6288	13920	5325	1297.0	610.7	2315.7
MEAN	72.3	36.8	82.1	210	83.5	212	210	449	177	41.8	19.7	77.2
MAX	1050	209	714	1680	609	1220	963	2690	953	330	188	613
MIN	2.8	11	8.5	46	15	36	28	19	11	7.8	5.6	5.7
CFSM	1.13	.57	1.28	3.27	1.30	3.32	3.27	7.02	2.77	.65	.31	1.21
IN.	1.30	.64	1.48	3.78	1.41	3.82	3.65	8.09	3.10	.75	.35	1.35

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 1996, BY WATER YEAR (WY)

MEAN	28.1	59.3	97.8	130	159	181	135	112	62.5	46.6	35.2	32.7
MAX	117	256	310	614	454	738	551	505	304	282	186	399
(WY)	1976	1974	1979	1950	1989	1964	1970	1983	1950	1973	1992	1979
MIN	1.76	2.60	4.48	8.52	10.1	11.4	22.0	10.6	4.54	2.96	.78	1.15
(WY)	1947	1945	1954	1977	1954	1954	1954	1954	1954	1952	1945	1945

SUMMARY STATISTICS FOR 1995 CALENDAR YEAR FOR 1996 WATER YEAR WATER YEARS 1944 - 1996

ANNUAL TOTAL	30555.4	51145.8	
ANNUAL MEAN	83.7	140	89.8
HIGHEST ANNUAL MEAN			159
LOWEST ANNUAL MEAN			11.4
HIGHEST DAILY MEAN	3060	May 18	2690
LOWEST DAILY MEAN	2.8	Oct 2	2.8
ANNUAL SEVEN-DAY MINIMUM	3.2	Sep 2	6.3
INSTANTANEOUS PEAK FLOW			5010
INSTANTANEOUS PEAK STAGE			21.01
INSTANTANEOUS LOW FLOW			.10
ANNUAL RUNOFF (CFSM)	1.31	2.18	1.40
ANNUAL RUNOFF (INCHES)	17.76	29.73	19.05
10 PERCENT EXCEEDS	181	324	189
50 PERCENT EXCEEDS	20	41	26
90 PERCENT EXCEEDS	5.3	8.9	5.6

SALT RIVER BASIN

03302000 POND CREEK NEAR LOUISVILLE, KY--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February 1988 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1988 to September 1992.

pH: May 1988 to September 1992.

WATER TEMPERATURE: May 1988 to September 1992.

DISSOLVED OXYGEN: June 1988 to September 1992.

REMARKS.--Water-quality samples collected monthly.

COOPERATION.--Field determinations were made in cooperation with Louisville and Jefferson County Metropolitan Sewer District personnel.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 1200 microsiemens, Nov. 4, 1988; minimum, 129 microsiemens, Mar. 6, 1989.

pH: Maximum, 10.1 units, Apr. 16, 17, 18, 1991; minimum, 4.5 units, Oct. 18, 1990.

WATER TEMPERATURE: Maximum, 34.0°C, July 15-17 and Aug. 2, 4, and 16, 1988; minimum, 0.0°C, Jan. 22, 23, 1991, and Dec. 19, 1992.

DISSOLVED OXYGEN: Maximum, 20.1 mg/L, June 30, 1991; minimum, 0.7 mg/L, July 3, 1991.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	STREAM- FLOW INSTAN- TANEOUS (FT ³ /S (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
OCT 16...	1140	8.9	735	7.9	13.5	9.8
NOV 06...	1150	16	493	7.9	4.5	10.8
DEC 11...	1320	8.3	936	8.2	0.5	16.8
FEB 05...	1245	24	885	7.2	0.5	10.6
MAR 11...	1250	72	620	7.9	6.0	11.8
APR 08...	1315	41	595	8.5	9.0	10.9
MAY 06...	1220	231	384	7.3	17.0	6.3
JUL 15...	1140	150	340	7.6	24.0	5.0
SEP 16...	1250	385	272	7.2	19.0	6.2

SALT RIVER BASIN

03302030 POND CREEK AT PENDLETON ROAD NEAR LOUISVILLE, KY

WATER-QUALITY RECORDS

LOCATION.--Lat 38°03'15", long 85°52'18", Jefferson County, Hydrologic Unit 05140102, at bridge on Pendleton Road, 1.3 mi above Brier Creek and at mile 7.1.

DRAINAGE AREA.--80.3 mi².

PERIOD OF RECORD.--February 1988 to current year.

REMARKS.--Samples were collected monthly.

COOPERATION.--Field determinations were made in cooperation with Louisville and Jefferson County Metropolitan Sewer District personnel.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	STREAM- FLOW INSTAN- TANEOUS (FT ³ /S (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
OCT 17...	0910	7.4	685	7.8	11.5	10.2
NOV 07...	0825	66	545	7.9	7.5	10.6
DEC 12...	0855	7.7	773	8.4	0.0	16.7
FEB 06...	0910	--	960	7.4	0.0	10.9
MAR 12...	0855	83	575	7.9	4.5	11.0
APR 19...	0905	46	564	8.2	7.0	11.1
JUL 16...	0930	--	349	7.6	24.0	5.9
SEP 04...	0910	15	587	7.5	23.0	6.6

SALT RIVER BASIN

03302110 OTTER CREEK AT OTTER CREEK PARK NEAR ROCK HAVEN, KY

WATER-QUALITY RECORDS

LOCATION.--Lat 37°56'37", long 86°01'47", Mead County, Hydrologic Unit 05140104, 1.4 mi east of Rock Haven, and at mile 3.3.

DRAINAGE AREA.--99.2 mi².

PERIOD OF RECORD.--January 1993 to current year.

REMARKS.--Samples were collected monthly.

COOPERATION.--Field determinations were made in cooperation with Louisville and Jefferson County Metropolitan Sewer District personnel.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	STREAM- FLOW INSTAN- TANEOUS (FT ³ /S (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
OCT 26...	0930	--	513	7.8	11.5	9.2
NOV 27...	0925	49	351	8.0	10.0	13.5
JAN 18...	0855	279	367	7.5	12.0	10.4
FEB 13...	0915	62	496	8.2	5.5	12.2
MAR 25...	0855	1170	349	7.6	13.0	10.2
APR 18...	0910	102	419	8.1	11.5	12.0
MAY 21...	1005	98	440	8.2	19.0	9.9
JUL 25...	0925	82	391	8.3	19.5	9.0
SEP 03...	0905	26	497	7.7	20.5	8.2

OHIO RIVER MAIN STEM

03303280 OHIO RIVER AT CANNELTON DAM, KY

LOCATION.--Lat 37°53'58", long 86°42'20", Hancock County, Hydrologic Unit 05140201, at Cannelton Dam, 0.7 mi upstream from Indian Creek, 3.3 mi upstream from Lead Creek, and at mile 720.8.

DRAINAGE AREA.--97,000 mi², approximately.

PERIOD OF RECORD.--October 1975 to current year.

GAGE.--Gate opening and water-stage recorders. Datum of headwater gage 0.4 mi upstream is 374.0 ft Ohio River datum. Datum of tailwater gage 0.4 mi downstream is 26.0 ft lower.

REMARKS.--No estimated daily discharges. Records fair except for periods below 20,000 ft³/s, which are poor. Daily discharge computed from head, gate openings, and lockages. Flow regulated by Ohio River system of locks, dams, and reservoirs upstream from station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAILY MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16200	27300	87600	56100	467000	284000	282000	381000	378000	71200	115000	30700
2	20000	32300	94100	62100	434000	305000	302000	362000	356000	78300	156000	12700
3	42800	47900	92100	84300	387000	300000	348000	342000	270000	63500	173000	34800
4	21200	43100	87800	130000	364000	278000	334000	322000	216000	58900	168000	12000
5	53300	36100	85200	179000	215000	294000	279000	361000	168000	71000	130000	21400
6	77900	45400	84000	200000	210000	284000	268000	396000	152000	53600	89100	42000
7	89500	44100	65900	192000	156000	270000	225000	424000	163000	50500	79500	32800
8	86200	45400	78100	154000	135000	266000	188000	447000	205000	65500	60700	90300
9	77900	49500	64900	109000	127000	283000	168000	465000	259000	40500	71000	91900
10	60800	73800	63800	65700	155000	302000	145000	477000	276000	13200	65000	105000
11	37700	89700	61500	97500	207000	335000	129000	490000	283000	66200	71600	71300
12	27800	87200	48400	86500	263000	329000	121000	512000	274000	33700	51400	50600
13	26500	99200	33000	72300	290000	285000	112000	519000	266000	44400	61700	63000
14	28200	116000	33200	84400	284000	248000	105000	500000	260000	47200	75300	62300
15	16700	129000	42000	84000	261000	208000	95500	467000	239000	43700	97900	62100
16	67200	138000	51100	96100	219000	190000	94500	452000	205000	52700	118000	82000
17	41800	135000	80000	136000	174000	205000	120000	472000	183000	75100	124000	96900
18	36000	131000	109000	206000	149000	229000	157000	492000	151000	55600	86700	105000
19	33000	117000	186000	292000	131000	245000	186000	497000	124000	63500	52200	137000
20	24100	100000	244000	333000	119000	295000	219000	496000	130000	104000	53600	162000
21	22800	95200	270000	396000	141000	302000	247000	490000	141000	143000	42300	164000
22	25200	106000	298000	433000	174000	324000	236000	477000	163000	180000	18700	148000
23	39700	99800	279000	458000	193000	348000	218000	453000	177000	222000	53900	119000
24	15600	104000	252000	495000	217000	378000	250000	409000	170000	224000	45600	93400
25	40500	99600	175000	527000	229000	405000	263000	332000	160000	163000	36600	71800
26	29700	97700	111000	547000	229000	403000	249000	253000	132000	132000	58500	63700
27	18200	89500	87600	555000	225000	366000	231000	273000	114000	120000	35200	75300
28	50500	84500	69600	549000	232000	276000	225000	281000	132000	86700	37800	135000
29	15700	72100	66900	537000	261000	262000	285000	307000	116000	55300	33000	143000
30	28500	65300	62900	519000	---	248000	337000	346000	89300	59100	27300	157000
31	36200	---	58300	496000	---	254000	---	373000	---	61700	16900	---
TOTAL	1207400	2500700	3422000	8232000	6648000	9001000	6419000	12868000	5952300	2599100	2305500	2536000
MEAN	38950	83360	110400	265500	229200	290400	214000	415100	198400	83840	74370	84530
MAX	89500	138000	298000	555000	467000	405000	348000	519000	378000	224000	173000	164000
MIN	15600	27300	33000	56100	119000	190000	94500	253000	89300	13200	16900	12000

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 1996, BY WATER YEAR (WY)

MEAN	59350	94620	161200	168300	204200	233700	206200	164400	100700	67020	55410	45920
MAX	155800	222400	334000	368700	358600	347400	360400	415100	235400	105200	148200	186500
(WY)	1980	1986	1979	1991	1994	1979	1994	1996	1981	1992	1980	1979
MIN	13980	28150	54160	36500	94740	125500	72990	46020	16490	18760	13130	14920
(WY)	1992	1992	1990	1977	1992	1983	1986	1976	1988	1988	1988	1983

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1976 - 1996	
ANNUAL TOTAL	40886130		63691000			
ANNUAL MEAN	112000		174000		129700	
HIGHEST ANNUAL MEAN					188900	
LOWEST ANNUAL MEAN					72150	
HIGHEST DAILY MEAN	519000	May 23	555000	Jan 27	617000	Dec 15 1978
LOWEST DAILY MEAN	3180	Aug 28	12000	Sep 4	3180	Aug 28 1995
ANNUAL SEVEN-DAY MINIMUM	14000	Sep 2	22300	Aug 30	7650	Jul 12 1988
INSTANTANEOUS PEAK STAGE			46.03	Jan 27	49.08	Dec 15 1978
10 PERCENT EXCEEDS	255000		379000		285000	
50 PERCENT EXCEEDS	89300		130000		91900	
90 PERCENT EXCEEDS	22000		36500		23600	

OHIO RIVER MAIN STEM

03303280 OHIO RIVER AT CANNELTON DAM, KY--Continued

(National stream-quality accounting network station)

WATER-QUALITY RECORDS

LOCATION.--Samples are collected 2.0 mi² upstream from discharge station.

PERIOD OF RECORD.--Water years 1975 to 1986 (discontinued) and 1996 to present.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1974 to September 1986 (discontinued).

WATER TEMPERATURES: October 1974 to September 1986 (discontinued).

REMARKS.-- Flow regulated by Ohio River system of locks, dams, and reservoirs.

COOPERATION.--Records of conductance and temperature collected on right bank at Cannelton Dam and furnished by U.S. Army Corps of Engineers.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 691 microsiemens, Nov. 14, 1978; minimum daily, 176 microsiemens, Dec. 15, 1978

WATER TEMPERATURES: Maximum daily, 30.0°C, July 23, 24, 1977, Aug. 5, 1982, several days in July and August, 1983; minimum daily, 0.0°C, on several days during most winter months.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

				PH				OXYGEN,					
DATE	TIME	STREAM FLOW INSTAN- TANEOUS (FT ³ /S (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	
NOV 1995													
29...	1430	E71700	465	7.6	8.0	4.3	10.6	90	150	39	12	26	
JAN 1996													
17...	1250	128000	--	--	4.0	21	13.1	--	130	34	9.9	20	
29...	1400	530000	215	7.3	2.5	35	11.2	84	82	23	5.9	8.4	
MAR													
06...	1330	283000	282	7.6	6.0	140	11.8	97	110	30	7.9	12	
APR													
08...	1345	190000	266	7.3	9.0	55	11.0	--	110	32	8.0	9.3	
24...	1400	246000	352	7.3	14.0	49	8.9	89	140	38	9.9	14	
MAY													
07...	1445	426000	325	7.3	15.0	200	7.8	79	130	39	8.9	11	
22...	1530	475000	227	6.8	16.5	130	7.8	82	89	25	6.5	6.8	
JUN													
05...	1500	167000	282	7.1	19.5	--	7.6	83	--	--	--	--	
26...	1510	122000	369	7.5	26.0	25	6.8	--	140	38	11	12	
JUL													
09...	1500	36100	402	7.4	27.5	3.5	5.8	75	150	41	11	16	
AUG													
14...	1400	70000	287	7.3	26.5	5.7	6.5	82	99	28	7.1	11	
SEP													
10...	1440	99400	340	7.3	27.5	3.0	7.2	93	110	29	8.7	20	
DATE		POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	ALKA- LINITY WAT DIS TOT FET FIELD MG/L AS CACO3 (00418)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)
NOV 1995													
29...	3.3	88	72	70	32	87	0.2	4.1	278	0.02	1.30	0.120	
JAN 1996													
17...	2.3	86	71	71	28	56	0.1	5.5	213	0.01	1.20	0.210	
29...	2.5	76	62	61	13	29	0.2	5.5	133	0.02	1.40	0.100	
MAR													
06...	2.1	--	--	--	17	44	0.2	5.8	167	0.02	1.40	0.060	
APR													
08...	1.9	77	63	63	14	44	0.2	6.3	170	0.02	1.30	0.040	
24...	2.1	85	70	69	18	63	0.1	4.7	202	0.03	1.10	0.050	
MAY													
07...	2.4	91	75	75	15	43	0.2	5.6	196	0.02	1.30	<0.015	
22...	1.8	59	48	49	8.1	35	0.1	6.1	139	0.02	0.58	0.020	
JUN													
05...	--	82	67	67	--	--	--	--	--	0.01	1.10	<0.015	
26...	2.5	106	87	86	15	55	0.2	5.7	218	0.02	1.50	0.050	
JUL													
09...	2.7	97	80	79	20	67	0.2	4.5	240	0.08	1.40	0.040	
AUG													
14...	2.7	72	59	58	12	49	0.2	4.9	148	0.04	1.00	0.020	
SEP													
10...	2.6	74	61	61	21	58	0.2	4.2	187	0.03	0.76	0.150	

OHIO RIVER MAIN STEM

03303280 OHIO RIVER AT CANNELTON DAM, KY--Continued

(National stream-quality accounting network station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	NITRO- GEN.AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN.AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO. DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ANTI- MONY, DIS- SOLVED (UG/L AS SB) (01095)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	BORON, DIS- SOLVED (UG/L AS B) (01020)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)
NOV 1995												
29...	0.3	0.4	0.06	0.05	0.040	10	--	<1	40	<10	--	<1.0
JAN 1996												
17...	0.4	0.5	0.08	0.03	0.027	10	<1	<1	34	<1	--	<1.0
29...	0.3	1.1	0.38	0.02	0.027	20	<1	<1	30	<1	--	<1.0
MAR												
06...	0.3	0.5	0.08	0.04	0.012	10	<1	<1	33	<1	10	<1.0
APR												
08...	0.2	0.5	0.14	0.03	0.026	10	<1	<1	28	<1	<10	<1.0
24...	0.3	0.6	0.20	0.02	0.036	10	<1	<1	34	<1	30	<1.0
MAY												
07...	0.3	1.5	0.73	0.05	0.046	30	3	<1	31	<1	30	<1.0
22...	0.2	0.5	0.12	0.01	0.021	10	<1	<1	29	<1	30	<1.0
JUN												
05...	0.2	0.6	0.18	0.04	0.030	10	<1	--	35	<1	--	<1.0
26...	0.2	0.3	0.10	0.03	0.053	10	<1	<1	44	<1	40	<1.0
JUL												
09...	<0.2	<0.2	0.02	0.02	0.034	9	<1	<1	46	<1	50	<1.0
AUG												
14...	0.2	0.2	0.03	<0.01	0.022	10	<1	<1	37	<1	40	<1.0
SEP												
10...	0.3	0.4	0.04	<0.01	0.020	6	<1	<1	40	<1	50	<1.0

DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
NOV 1995											
29...	<5	<3	2	6	<1	3	<10	1	<1	<1.0	300
JAN 1996											
17...	1	<1	2	50	<1	9	1	3	<1	<1.0	200
29...	<1	<1	1	54	<1	12	<1	2	<1	<1.0	120
MAR											
06...	<1	<1	2	48	<1	4	1	2	<1	<1.0	170
APR											
08...	<1	<1	1	32	<1	2	1	1	<1	<1.0	150
24...	<1	<1	2	12	<1	<1	2	3	<1	<1.0	210
MAY											
07...	<1	<1	3	55	<1	2	2	2	<1	<1.0	180
22...	<1	<1	1	20	<1	3	<1	2	<1	<1.0	130
JUN											
05...	<1	<1	2	--	<1	1	1	2	--	<1.0	--
26...	<1	<1	1	5	<1	1	2	2	<1	<1.0	240
JUL											
09...	<1	<1	2	<3	<1	4	3	2	<1	<1.0	230
AUG											
14...	1	<1	2	15	<1	2	2	2	<1	<1.0	160
SEP											
10...	<1	<1	2	<3	<1	3	3	1	<1	<1.0	190

OHIO RIVER MAIN STEM

03303280 OHIO RIVER AT CANNELTON DAM, KY--Continued

(National stream-quality accounting network station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DIS- SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDED TOTAL (MG/L AS C) (00689)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ACETO- CHLOR, WATER, FLTRD REC, (UG/L) (49260)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)
NOV 1995											
29...	<6	10	--	--	--	--	--	--	--	--	--
JAN 1996											
17...	<6	<1	<1.0	3.4	0.5	<0.002	<0.002	0.039	<0.002	<0.002	<0.004
29...	<6	2	<1.0	3.3	4.0	--	--	--	--	--	--
MAR											
06...	<6	1	<1.0	2.7	4.2	<0.002	<0.002	0.052	<0.002	<0.002	<0.004
APR											
08...	<6	1	<1.0	2.7	2.0	0.005	0.005	0.050	<0.002	<0.002	0.006
24...	<6	1	<1.0	2.6	2.3	<0.002	0.015	0.060	<0.002	<0.002	<0.004
MAY											
07...	<6	2	<1.0	3.5	>5.0	0.014	0.031	0.344	<0.002	0.046	0.008
22...	<6	1	<1.0	3.2	0.4	0.008	0.019	0.150	<0.002	<0.002	0.005
JUN											
05...	--	<1	<1.0	3.1	0.9	0.041	0.156	1.15	<0.002	<0.002	<0.004
26...	<6	<1	<1.0	3.3	0.8	0.100	0.320	2.80	E0.002	<0.002	0.006
JUL											
09...	<6	2	<1.0	2.9	0.2	0.089	0.082	1.20	E0.003	<0.002	E0.004
AUG											
14...	<6	<1	<1.0	3.5	0.3	0.007	0.007	0.252	<0.002	<0.002	<0.004
SEP											
10...	<6	1	<1.0	2.5	0.4	0.004	<0.002	0.112	<0.002	<0.002	E0.003
DATE	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	FONOFOS WATER DISS REC (UG/L) (04095)	LINDANE DIS- SOLVED (UG/L) (39341)	MALA- THION, DIS- SOLVED (UG/L) (39532)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	P.P' DDE DISSOLV (UG/L) (34653)	PARA- THION, DIS- SOLVED (UG/L) (39542)
NOV 1995											
29...	--	--	--	--	--	--	--	--	--	--	--
JAN 1996											
17...	<0.004	E0.013	<0.002	<0.001	<0.003	<0.004	<0.005	<0.004	0.027	<0.006	<0.004
29...	--	--	--	--	--	--	--	--	--	--	--
MAR											
06...	0.008	E0.008	<0.002	<0.001	<0.003	<0.004	<0.005	<0.004	0.033	<0.006	<0.004
APR											
08...	0.013	E0.013	<0.004	<0.001	<0.003	<0.004	<0.005	<0.004	0.070	<0.006	<0.004
24...	<0.004	E0.008	<0.002	<0.001	<0.003	<0.004	<0.005	<0.004	0.060	<0.006	<0.004
MAY											
07...	0.061	E0.020	0.015	<0.001	<0.003	<0.004	<0.005	0.014	0.210	<0.006	<0.004
22...	0.040	E0.015	<0.002	<0.001	<0.003	<0.004	<0.005	0.009	0.087	<0.006	<0.004
JUN											
05...	0.297	E0.029	E0.003	<0.001	<0.003	<0.004	<0.005	0.027	0.408	<0.006	<0.004
26...	0.840	E0.110	0.007	0.006	<0.003	<0.004	<0.005	0.047	1.200	<0.006	<0.004
JUL											
09...	0.380	E0.064	<0.002	<0.001	<0.003	<0.004	<0.005	0.018	0.710	<0.006	<0.004
AUG											
14...	0.035	E0.016	0.008	<0.001	<0.003	<0.004	<0.005	<0.004	0.109	<0.006	<0.004
SEP											
10...	0.023	E0.016	0.005	<0.001	<0.003	<0.004	<0.005	<0.004	0.042	<0.006	<0.004

OHIO RIVER MAIN STEM

03303280 OHIO RIVER AT CANNELTON DAM, KY--Continued

(National stream-quality accounting network station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)
NOV 1995											
29...	--	--	--	--	--	--	--	--	--	--	--
JAN 1996											
17...	<0.007	E0.005	0.012	<0.002	E0.010	<0.003	<0.002	<0.003	<0.017	<0.004	<0.003
29...	--	--	--	--	--	--	--	--	--	--	--
MAR											
06...	<0.007	<0.018	0.009	<0.002	<0.003	<0.003	<0.002	<0.003	<0.017	<0.004	<0.003
APR											
08...	<0.007	E0.007	0.016	<0.002	<0.012	<0.010	<0.002	<0.003	<0.017	<0.004	<0.003
24...	<0.007	E0.006	0.013	<0.002	<0.003	<0.003	<0.002	<0.003	<0.017	<0.004	<0.003
MAY											
07...	<0.007	E0.012	0.066	<0.002	<0.003	<0.003	<0.002	<0.003	<0.017	<0.004	<0.003
22...	<0.007	E0.006	0.029	<0.002	E0.011	E0.012	<0.002	<0.003	<0.017	<0.004	<0.003
JUN											
05...	<0.007	E0.006	0.124	<0.002	E0.005	<0.003	<0.002	<0.003	<0.017	<0.004	<0.003
26...	<0.007	E0.016	0.340	<0.002	<0.003	<0.003	<0.002	<0.003	<0.017	<0.004	<0.003
JUL											
09...	<0.007	E0.017	0.150	<0.002	<0.003	<0.003	<0.002	<0.003	<0.017	<0.004	<0.003
AUG											
14...	<0.007	0.023	0.032	<0.002	<0.003	<0.003	<0.002	<0.003	<0.017	<0.004	<0.003
SEP											
10...	<0.007	E0.013	0.039	<0.002	<0.003	<0.003	<0.002	<0.003	<0.017	<0.004	<0.003
DATE	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
NOV 1995											
29...	--	--	--	--	--	--	--	--	--	--	--
JAN 1996											
17...	<0.002	<0.002	<0.001	<0.006	<0.004	<0.003	<0.004	<0.004	<0.005	<0.002	<0.003
29...	--	--	--	--	--	--	--	--	--	--	--
MAR											
06...	<0.002	<0.002	<0.001	<0.006	<0.004	<0.003	<0.004	<0.004	<0.005	<0.002	<0.003
APR											
08...	<0.002	<0.002	<0.001	<0.006	<0.004	<0.003	<0.004	<0.004	<0.005	<0.002	<0.003
24...	<0.002	<0.002	<0.001	<0.006	<0.004	<0.003	<0.004	<0.004	<0.005	<0.002	<0.003
MAY											
07...	<0.002	<0.002	<0.001	<0.006	<0.004	<0.003	<0.004	<0.004	<0.005	<0.002	<0.003
22...	<0.002	<0.002	<0.001	<0.006	<0.004	<0.003	<0.004	<0.004	<0.005	<0.002	<0.003
JUN											
05...	<0.002	0.005	<0.001	<0.006	<0.004	<0.003	<0.004	<0.004	<0.005	<0.002	<0.003
26...	<0.002	0.030	<0.001	<0.006	<0.004	<0.003	<0.004	0.008	<0.005	<0.002	<0.003
JUL											
09...	<0.002	0.029	<0.001	<0.006	<0.004	<0.003	<0.004	<0.004	<0.005	<0.002	<0.003
AUG											
14...	<0.002	<0.002	<0.001	<0.006	<0.004	<0.003	<0.004	<0.004	<0.005	<0.002	<0.003
SEP											
10...	<0.002	<0.002	<0.001	<0.006	<0.004	<0.003	<0.004	<0.004	<0.005	<0.002	<0.003

OHIO RIVER MAIN STEM

03303280 OHIO RIVER AT CANNELTON DAM, KY--Continued

(National stream-quality accounting network station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
NOV 1995											
29...	--	--	--	--	--	--	--	--	--	--	--
JAN 1996											
17...	<0.004	<0.013	<0.010	<0.007	<0.013	<0.001	<0.002	<0.002	33	11300	97
29...	--	--	--	--	--	--	--	--	279	399000	96
MAR											
06...	<0.004	<0.013	<0.010	<0.007	<0.013	<0.001	<0.002	<0.002	--	--	--
APR											
08...	<0.004	<0.013	<0.010	<0.007	<0.013	<0.004	<0.002	<0.002	114	--	99
24...	<0.004	<0.013	<0.010	<0.007	<0.013	<0.001	<0.002	<0.002	118	--	92
MAY											
07...	<0.004	<0.013	E0.009	<0.007	<0.013	<0.001	<0.002	<0.002	584	672000	90
22...	<0.004	<0.013	0.012	<0.007	<0.013	<0.001	<0.002	<0.002	205	263000	97
JUN											
05...	<0.004	<0.013	E0.009	<0.007	<0.013	<0.001	<0.002	<0.002	122	55000	99
26...	<0.004	<0.013	E0.011	E0.005	<0.013	<0.001	<0.002	<0.002	54	17800	99
JUL											
09...	<0.004	<0.013	<0.010	<0.007	<0.013	<0.001	<0.002	<0.002	8	780	99
AUG											
14...	<0.004	<0.013	<0.010	<0.007	<0.013	<0.001	<0.002	<0.002	11	2080	98
SEP											
10...	<0.004	<0.013	0.016	<0.007	<0.013	<0.001	<0.002	<0.002	11	2950	98

QUALITY-ASSURANCE DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
NOV 1995											
29...	1438	--	--	--	--	--	0.143	0.049	0.005	0.21	--
JAN 1996											
12...	1200	--	--	--	--	--	--	0.003	<0.001	<0.03	--
APR											
24...	1405	--	--	--	40	--	140	38	9.8	14	2.2
24...	1410	--	--	--	52	--	140	38	9.8	15	2.0
24...	1415	--	--	--	46	--	140	38	9.9	14	2.1
MAY											
22...	1533	--	--	--	--	--	--	--	--	--	--
22...	1535	--	--	--	--	--	--	--	--	--	--
22...	1540	--	--	--	120	--	89	25	6.5	6.8	1.8
22...	1545	--	--	--	--	--	--	--	--	--	--
JUN											
26...	1520	369	7.5	26.0	24	6.8	140	38	11	12	2.6
AUG											
28...	1000	--	--	--	--	--	0.019	0.01	0.001	<0.03	--

OHIO RIVER MAIN STEM

03303280 OHIO RIVER AT CANNELTON DAM, KY--Continued

(National stream-quality accounting network station)

QUALITY-ASSURANCE DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	ALKALINITY WAT DIS TOT FET FIELD MG/L AS CACO3 (00418)	CHLORIDE, DIS- SOLVED (MG/L AS CL) (00940)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUORIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	NITROGEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITROGEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)
NOV 1995											
29...	--	--	--	--	--	--	<0.02	<0.001	<0.005	<0.002	--
JAN 1996											
12...	--	--	--	--	--	--	<0.02	--	--	--	--
APR											
24...	--	--	--	18	63	0.10	4.7	0.020	1.10	0.070	0.3
24...	84	69	68	19	62	0.20	4.7	0.020	1.00	0.050	0.3
24...	--	--	--	19	62	0.10	4.8	0.020	1.10	0.060	0.3
MAY											
22...	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--
22...	59	48	49	8.2	35	0.10	6.1	0.020	0.580	0.020	0.2
22...	59	48	49	--	--	--	--	--	--	--	--
JUN											
26...	100	82	82	15	55	0.20	5.7	0.020	1.50	0.040	0.2
AUG											
28...	--	--	--	--	--	--	0.10	<0.001	<0.005	<0.002	--
DATE	NITROGEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHODIS- SOLVED (MG/L AS P) (00671)	ALUMINUM, DIS- SOLVED (UG/L AS AL) (01106)	ANTIMONY, DIS- SOLVED (UG/L AS SB) (01095)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BERYLLIUM, DIS- SOLVED (UG/L AS BE) (01010)	BORON, DIS- SOLVED (UG/L AS B) (01020)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)
NOV 1995											
29...	--	--	--	0.001	0.32	<0.2	--	<0.2	<0.2	<2	<0.3
JAN 1996											
12...	--	--	--	--	<0.30	<0.2	--	<0.2	<0.2	<2	<0.3
APR											
24...	0.50	0.170	0.030	0.036	10	<1	<1	35	<1	30	<1.0
24...	0.60	0.180	0.020	0.037	10	<1	<1	34	<1	40	<1.0
24...	0.60	0.180	0.020	0.032	10	<1	<1	33	<1	40	<1.0
MAY											
22...	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--
22...	0.60	0.170	0.020	0.022	20	<1	<1	29	<1	40	<1.0
22...	--	--	--	--	--	--	--	--	--	--	--
JUN											
26...	0.30	0.080	0.040	0.052	10	<1	<1	43	<1	40	<1.0
AUG											
28...	--	--	--	<0.001	<0.30	<0.2	--	<0.2	<0.2	8	<0.3
DATE	CHROMIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	MANGANESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SELENIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRONTIUM, DIS- SOLVED (UG/L AS SR) (01080)
NOV 1995											
29...	<0.3	<0.20	2	<3	<0.3	<0.3	0.13	<0.5	--	<0.2	<0.1
JAN 1996											
12...	0.3	<0.27	<0.2	<3	<0.3	<0.3	<0.10	<0.5	--	<0.2	<0.1
APR											
24...	<1	<1	2	15	<1	<1	2	2	<1	<1.0	200
24...	<1	<1	2	14	<1	1	2	2	<1	<1.0	210
24...	<1	<1	2	12	<1	1	2	2	<1	<1.0	210
MAY											
22...	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--
22...	<1	<1	2	33	<1	5	<1	2	<1	<1.0	130
22...	--	--	--	--	--	--	--	--	--	--	--
JUN											
26...	<1	<1	2	5	<1	3	2	2	<1	<1.0	240
AUG											
28...	<0.3	<0.20	<0.2	<3	<0.3	<0.3	<0.10	<0.5	--	<0.2	<0.1

OHIO RIVER MAIN STEM

03303280 OHIO RIVER AT CANNELTON DAM, KY--Continued

(National stream-quality accounting network station)

QUALITY-ASSURANCE DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

[illegible]

GREEN RIVER BASIN

03307000 RUSSELL CREEK NEAR COLUMBIA, KY

LOCATION.--Lat 37°07'09", long 85°23'38", Adair County. Hydrologic Unit 05110001, on left bank at downstream side of bridge on State Highway 61, 0.3 mi upstream from Butlers Fork, 5.0 mi west of Columbia, and at mile 26.9.

DRAINAGE AREA.--188 mi² (includes Butlers Fork), of which about 15 mi² does not contribute directly to surface runoff.

PERIOD OF RECORD.--October 1939 to current year. Prior to December 1939, monthly discharge only, published in WSP 1305.

REVISED RECORDS.--WSP 1275: 1940. WSP 1335: 1953. WSP 1555: Drainage area. WRD KY-75-1: 1949(M), 1952(M), 1955(M), 1962(M), 1967(M), 1974(M).

GAGE.--Water-stage recorder. Datum of gage is 610.96 ft above sea level. Prior to June 25, 1953, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: Dec. 27-30, Jan. 6-10, 16-18, and Feb. 2-7. Records good except for periods of estimated record, which are poor.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in Jan. 1937 reached a stage of about 23 ft, from info. by local residents.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.7	57	68	106	206	260	949	378	140	51	126	29
2	7.0	58	65	652	160	221	801	308	122	48	80	151
3	12	84	64	946	135	228	551	269	176	48	62	105
4	126	86	67	513	120	142	434	215	226	59	53	156
5	555	66	71	345	105	137	370	177	187	48	47	77
6	410	58	66	270	100	2730	304	243	128	43	43	57
7	107	1430	64	200	92	3560	262	1040	115	40	39	46
8	59	890	62	160	271	1400	230	889	464	38	40	43
9	43	371	61	130	408	793	221	485	679	45	218	48
10	35	230	56	140	306	546	186	339	1450	60	94	42
11	30	395	53	212	246	429	164	262	1240	40	124	44
12	27	540	54	351	195	353	151	228	2950	36	626	37
13	23	309	57	358	165	299	145	178	1100	36	353	33
14	23	225	60	471	156	255	150	148	647	56	171	30
15	24	175	60	863	192	239	143	151	432	695	111	29
16	26	142	64	700	207	262	226	151	310	347	84	83
17	26	120	71	600	164	419	172	125	233	141	75	412
18	23	106	109	570	151	327	144	108	185	183	320	165
19	21	96	277	2280	183	519	139	94	199	92	122	93
20	22	88	402	889	388	787	748	85	208	551	81	68
21	32	82	265	571	332	666	842	77	133	272	64	58
22	40	76	189	426	273	660	436	73	109	164	55	57
23	32	79	150	366	236	896	1270	67	95	126	50	56
24	27	122	127	1970	196	944	906	62	92	90	46	46
25	25	119	112	966	155	916	547	60	105	73	44	42
26	24	100	99	607	142	647	517	87	87	64	41	41
27	75	93	90	594	141	437	413	248	70	58	39	41
28	318	87	80	435	434	393	307	832	63	50	38	1670
29	122	78	72	365	348	412	268	650	58	51	35	916
30	80	71	68	307	---	360	506	335	54	99	33	390
31	64	---	80	256	---	342	---	195	---	136	31	---
TOTAL	2445.7	6433	3183	17619	6207	20579	12502	8559	12057	3840	3345	5065
MEAN	78.9	214	103	568	214	664	417	276	402	124	108	169
MAX	555	1430	402	2280	434	3560	1270	1040	2950	695	626	1670
MIN	7.0	57	53	106	92	137	139	60	54	36	31	29
CFSM	.42	1.14	.55	3.02	1.14	3.53	2.22	1.47	2.14	.66	.57	.90
IN.	.48	1.27	.63	3.49	1.23	4.07	2.47	1.69	2.39	.76	.66	1.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1996, BY WATER YEAR (WY)

	MEAN	73.4	209	417	482	589	577	398	279	183	131	90.1	115
MAX	636	1047	2540	1779	1588	1787	855	1464	800	751	502	1114	
(WY)	1976	1952	1979	1950	1989	1975	1972	1983	1950	1967	1967	1979	
MIN	1.38	8.92	18.6	26.5	61.1	91.0	70.1	39.8	14.6	10.0	4.25	2.09	
(WY)	1954	1954	1954	1981	1941	1941	1986	1941	1988	1944	1991	1953	

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR	FOR 1996 WATER YEAR	WATER YEARS 1940 - 1996
ANNUAL TOTAL	114939.6	101834.7	
ANNUAL MEAN	315	278	294
HIGHEST ANNUAL MEAN			651
LOWEST ANNUAL MEAN			118
HIGHEST DAILY MEAN	9720	May 14	25000
LOWEST DAILY MEAN	2.8	Sep 8	.40
ANNUAL SEVEN-DAY MINIMUM	2.9	Sep 6	.47
INSTANTANEOUS PEAK FLOW		4490	Mar 7
INSTANTANEOUS PEAK STAGE		13.03	Mar 7
INSTANTANEOUS LOW FLOW			26.12
ANNUAL RUNOFF (CFSM)	1.68	1.48	5.7
ANNUAL RUNOFF (INCHES)	22.74	20.15	21.23
10 PERCENT EXCEEDS	635	654	634
50 PERCENT EXCEEDS	98	141	101
90 PERCENT EXCEEDS	9.6	40	15