

# *Appendix A*

## *Navigation Dams* *Tributaries* *Hydrologic Data*

## Ohio River Navigation Dams

Mile Point	Name	Normal Pool Elevation (ft.)*	Year Placed in Operation**
6.2	Emsworth	710.0	1921
13.2	Dashields	692.0	1929
31.7	Montgomery	682.0	1936
54.4	New Cumberland	664.5	1959
84.2	Pike Island	644.0	1963
126.4	Hannibal (h)	623.0	1972
161.7	Willow Island	602.0	1972
203.9	Belleville	582.0	1965
237.5	Racine (h)	560.0	1967
279.2	Robert C. Byrd	538.0	1937
341.0	Greenup (h)	515.0	1962
436.2	Captain Anthony Meldahl	485.0	1964
531.5	Markland (h)	455.0	1963
606.8	McAlpine (h)	420.0	1961
720.7	Cannelton	383.0	1972
776.1	Newburgh	358.0	1975
846.0	John T. Myers	342.0	1975
918.5	Smithland	324.0	1980
938.9	Lock & Dam 52	302.0	1928
962.6	Lock & Dam 53	290.0	1929

\* Height of water surface above mean sea level (National Geodetic Vertical Data)

\*\* Defined as when the pool was raised

(h) Hydropower facilities

*Information provided by the U.S. Army Corps of Engineers*

### Selected Tributaries to the Ohio River

Tributary Name	Enters Ohio River at Mile Point	Stream Length (Miles)	Drainage Area (Square Miles)
Allegheny River (PA)	0.0	325	11,700
Monongahela River (PA)	0.0	128	7,400
Chartiers Creek (PA)	2.5		277
Beaver River (PA)	25.4	21	3,130
Raccoon Creek (PA)	29.6		200
Little Beaver River (PA)	39.5	51	510
Yellow Creek (OH)	50.4	34	240
Cross Creek (OH)	71.6	27	128
Buffalo Creek (WV)	74.7		160
Short Creek (OH)	81.4	29	147
Wheeling Creek (OH)	91.0	30	108
Wheeling Creek (WV)	91.0		300
McMahon Creek (OH)	94.7	28	91
Grave Creek (WV)	102.5		75
Captina Creek (OH)	109.6	39	181
Fish Creek (WV)	113.8		250
Sunfish Creek (OH)	118.0	31	114
Fishing Creek (WV)	128.3		220
Middle Island Creek (WV)	154.0	70	560
Little Muskingum River (OH)	168.3		315
Duck Creek (OH)	170.7	52	228
Muskingum River (OH)	172.2	112	8,040
Little Kanawha River (WV)	184.6	160	2,320
Little Hocking River (OH)	191.8	18	103
Hocking River (OH)	199.3	100	1,190
Shady River (OH)	210.6		221
Shady Creek (WV)	220.6		115
Mill Creek (WV)	231.5		230
Leading Creek (OH)	254.2	30	151
Kanawha River (WV)	265.7	97	12,200
Raccoon Creek (OH)	276.0	109	684
Guyandotte River (WV)	305.2	66	1,670
Symmes Creek (OH)	308.7	70	356
Twelvepole Creek (WV)	313.2		440
Big Sandy River (WV-KY)	317.1	27	4,280

### Selected Tributaries to the Ohio River (Cont'd)

Tributary Name	Enters Ohio River at Mile Point	Stream Length (Miles)	Drainage Area (Square Miles)
Little Sandy River (KY)	336.4		724
Pine Creek (OH)	346.9	48	185
Little Scioto River (OH)	349.0	41	233
Tygarts Creek (KY)	353.3		336
Scioto River (OH)	356.5	237	6,510
Kinniconnic Creek (KY)	368.1		253
Ohio Brush Creek (OH)	388.0	57	435
Eagle Creek (OH)	415.7	31	154
Whiteoak Creek (OH)	423.9	49	234
Little Miami River (OH)	464.1	90	1,670
Licking River (KY)	470.2	320	3,670
Mill Creek (OH)	472.5	28	166
Great Miami River (OH)	491.1	161	5,400
Tanners Creek (IN)	494.8		136
Laughery Creek (IN)	498.7	39	350
Kentucky River (KY)	545.8	255	6,970
Little Kentucky River (KY)	546.5	35	147
Indian Kentucky River (IN)	550.5		150
Silver Creek (IN)	606.5		225
Salt River (KY)	629.9	125	2,890
Big Indiana Creek (IN)	657.0		253
Blue River (IN)	663.0		435
Sinking Creek (KY)	700.9		154
Anderson Creek (IN)	731.5		234
Blackford Creek (KY)	742.2		124
Little Pigeon Creek (IN)	773.0		415
Green River (KY)	784.2	370	9,230
Pigeon Creek (IN)	792.9		375
Wabash River (IN-IL)	848.0	474	33,100
Saline River (IL)	867.3	27	1,170
Tradewater River (KY)	873.5	110	1,000
Cumberland River (KY)	920.4	693	17,920
Tennessee River (KY)	934.5	652	40,910
Cache River (IL)	975.7		720

**Hydrologic Data for Water Years 2002 and 2003**  
**Flows in Cubic Feet per Second (CFS)**

**Wheeling, WV- Mile Point 84.2**

	Flow (CFS)			% Long
	Maximum	Minimum	Average	Term Average
Oct, 2001	28,300	7,100	9,526	35%
Nov, 2001	39,300	6,300	12,413	30%
Dec, 2001	82,700	11,900	32,584	57%
Jan, 2002	71,200	11,300	28,037	61%
Feb, 2002	76,600	27,000	44,246	70%
Mar, 2002	133,700	19,400	51,826	74%
Apr, 2002	112,000	37,300	69,530	106%
May, 2002	160,100	34,500	84,642	192%
Jun, 2002	96,800	12,800	36,553	111%
Jul, 2002	20,500	8,000	12,335	50%
Aug, 2002	18,800	5,700	8,513	38%
Sep, 2002	20,800	5,300	7,650	38%
Oct, 2002	21,200	6,200	11,394	42%
Nov, 2002	44,500	15,100	29,550	71%
Dec, 2002	81,200	13,200	42,990	75%
Jan, 2003	131,500	13,800	44,884	97%
Feb, 2003	133,000	15,200	42,693	68%
Mar, 2003	112,200	51,800	79,894	113%
Apr, 2003	94,800	16,900	52,063	79%
May, 2003	134,300	14,600	54,697	124%
Jun, 2003	96,200	12,800	55,890	170%
Jul, 2003	18,200	11,000	44,703	180%
Aug, 2003	56,900	11,000	39,661	178%
Sep, 2003	104,900	15,600	47,507	233%

**Moundsville, WV - Mile Point 126.4**

	Flow (CFS)			% Long
	Maximum	Minimum	Average	Term Average
Oct, 2001	26,500	7,200	9,677	36%
Nov, 2001	37,500	6,500	12,477	30%
Dec, 2001	96,700	12,000	33,903	59%
Jan, 2002	67,600	11,500	27,757	60%
Feb, 2002	78,100	26,500	44,439	71%
Mar, 2002	143,800	18,700	51,542	73%
Apr, 2002	107,800	39,100	69,447	106%
May, 2002	157,500	34,600	85,097	193%
Jun, 2002	79,900	13,300	37,043	113%
Jul, 2002	20,300	7,900	12,159	49%
Aug, 2002	19,000	5,900	8,645	39%
Sep, 2002	19,100	4,900	7,540	37%
Oct, 2002	19,100	6,100	11,113	41%
Nov, 2002	44,400	15,200	28,940	69%
Dec, 2002	80,300	12,100	42,771	75%
Jan, 2003	134,500	13,700	45,200	98%
Feb, 2003	128,100	15,800	42,900	68%
Mar, 2003	110,900	51,200	80,761	115%
Apr, 2003	96,500	18,700	52,770	80%
May, 2003	131,100	15,100	55,355	126%
Jun, 2003	103,200	13,300	56,917	174%
Jul, 2003	112,000	11,300	44,174	178%
Aug, 2003	61,000	12,400	40,384	181%
Sep, 2003	98,100	17,700	47,653	234%

**Willow Island, WV - Mile Point 161.8**

	Flow (CFS)			% Long
	Maximum	Minimum	Average	Term Average
Oct, 2001	18,000	5,900	8,626	27%
Nov, 2001	23,100	6,500	10,520	18%
Dec, 2001	84,500	13,600	34,539	41%
Jan, 2002	67,700	14,800	29,687	50%
Feb, 2002	78,300	26,900	45,104	53%
Mar, 2002	148,400	21,200	55,352	49%
Apr, 2002	108,500	38,700	72,147	73%
May, 2002	160,500	35,700	87,536	134%
Jun, 2002	89,500	13,800	38,613	82%
Jul, 2002	21,700	8,400	12,603	37%
Aug, 2002	19,400	5,900	8,745	29%
Sep, 2002	19,200	5,000	7,557	35%
Oct, 2002	19,100	6,100	11,265	36%
Nov, 2002	44,700	15,700	29,323	52%
Dec, 2002	82,000	13,100	43,613	52%
Jan, 2003	133,300	14,000	46,516	78%
Feb, 2003	133,300	16,700	44,661	52%
Mar, 2003	134,900	15,400	56,652	51%
Apr, 2003	97,800	19,100	53,717	54%
May, 2003	134,900	15,400	56,652	87%
Jun, 2003	104,100	13,800	59,257	126%
Jul, 2003	20,700	8,400	12,603	37%
Aug, 2003	65,100	12,900	42,448	142%
Sep, 2003	105,600	18,100	50,197	236%

**Parkersburg, WV - Mile Point 203.9**

	Flow (CFS)			% Long
	Maximum	Minimum	Average	Term Average
Oct, 2001	23,500	7,300	11,252	36%
Nov, 2001	35,400	8,900	14,393	25%
Dec, 2001	120,100	18,600	47,745	57%
Jan, 2002	96,000	19,400	39,497	66%
Feb, 2002	294,900	14,500	91,241	107%
Mar, 2002	185,600	30,000	74,503	67%
Apr, 2002	153,900	51,100	98,983	100%
May, 2002	193,800	50,100	110,703	170%
Jun, 2002	134,800	18,800	52,937	113%
Jul, 2002	23,300	11,500	16,197	47%
Aug, 2002	21,800	7,300	10,245	34%
Sep, 2002	21,900	5,900	8,660	41%
Oct, 2002	24,100	7,700	13,677	43%
Nov, 2002	53,600	18,700	35,223	62%
Dec, 2002	98,000	16,800	51,719	62%
Jan, 2003	156,200	17,200	55,513	93%
Feb, 2003	188,200	22,600	60,093	71%
Mar, 2003	196,500	20,600	78,023	70%
Apr, 2003	125,200	24,400	66,767	67%
May, 2003	196,500	20,600	78,023	120%
Jun, 2003	124,300	19,300	76,917	164%
Jul, 2003	23,300	11,500	16,197	47%
Aug, 2003	85,800	19,500	54,542	182%
Sep, 2003	145,500	25,000	70,440	331%

## Hydrologic Data for Water Years 2000 and 2001

### R. C. Byrd Dam - Mile Point 279.2

	Flow (CFS)			% Long
	Maximum	Minimum	Average	Term Average
Oct, 2001	27,200	10,800	15,674	35%
Nov, 2001	42,000	11,700	17,993	24%
Dec, 2001	130,200	29,200	56,942	56%
Jan, 2002	101,900	20,600	42,703	52%
Feb, 2002	112,500	38,900	67,232	57%
Mar, 2002	292,200	38,700	107,381	72%
Apr, 2002	251,500	71,900	141,040	114%
May, 2002	248,500	62,600	153,965	179%
Jun, 2002	167,900	24,300	65,197	99%
Jul, 2002	45,000	19,000	26,500	57%
Aug, 2002	33,800	10,500	14,603	37%
Sep, 2002	38,200	9,100	12,807	47%
Oct, 2002	53,300	11,400	24,152	54%
Nov, 2002	115,400	33,800	71,930	96%
Dec, 2002	186,600	30,900	88,816	87%
Jan, 2003	225,500	27,600	79,774	96%
Feb, 2003	361,100	40,800	127,550	107%
Mar, 2003	204,500	80,400	147,468	99%
Apr, 2003	209,800	46,600	107,927	87%
May, 2003	260,200	41,300	121,719	142%
Jun, 2003	234,900	37,300	132,847	202%
Jul, 2003	45,000	19,000	26,500	57%
Aug, 2003	114,800	25,000	75,571	190%
Sep, 2003	205,200	32,100	97,013	358%

### Greenup Dam - Mile Point 341.0

	Flow (CFS)			% Long
	Maximum	Minimum	Average	Term Average
Oct, 2001	36,700	12,300	18,226	41%
Nov, 2001	45,300	13,300	19,563	26%
Dec, 2001	160,400	32,600	65,506	64%
Jan, 2002	154,700	25,200	57,117	69%
Feb, 2002	126,300	42,300	73,000	61%
Mar, 2002	362,700	41,200	128,419	86%
Apr, 2002	278,100	81,900	159,267	129%
May, 2002	270,000	69,000	178,232	207%
Jun, 2002	192,000	27,000	72,700	110%
Jul, 2002	49,300	22,400	31,819	69%
Aug, 2002	38,200	11,500	16,155	41%
Sep, 2002	38,500	10,000	13,483	50%
Oct, 2002	62,000	12,600	26,990	61%
Nov, 2002	130,500	39,800	84,073	113%
Dec, 2002	209,600	40,700	104,352	102%
Jan, 2003	222,500	29,000	89,090	107%
Feb, 2003	424,200	48,400	162,946	137%
Mar, 2003	215,600	89,500	160,881	108%
Apr, 2003	264,400	56,300	127,737	103%
May, 2003	284,000	49,400	142,755	166%
Jun, 2003	282	46,700	153,440	233%
Jul, 2003	49,300	22,400	31,819	69%
Aug, 2003	129,200	29,000	83,287	210%
Sep, 2003	216,100	34,700	104,483	386%

### Meldahl Dam - Mile Point 436.2

	Flow (CFS)			% Long
	Maximum	Minimum	Average	Term Average
Oct, 2001	41,800	13,700	20,826	50%
Nov, 2001	61,700	14,800	22,430	30%
Dec, 2001	153,900	37,700	73,271	57%
Jan, 2002	193,100	30,600	71,013	56%
Feb, 2002	138,600	48,700	82,104	53%
Mar, 2002	370,400	45,300	143,703	67%
Apr, 2002	285,600	91,700	180,197	106%
May, 2002	300,300	81,900	204,548	170%
Jun, 2002	202,800	31,800	82,497	114%
Jul, 2002	54,300	24,400	34,894	73%
Aug, 2002	41,500	12,800	17,797	44%
Sep, 2002	38,000	10,400	14,823	43%
Oct, 2002	70,800	14,200	29,558	71%
Nov, 2002	129,500	45,900	90,480	120%
Dec, 2002	217,100	46,400	112,400	87%
Jan, 2003	246,900	31,200	100,213	79%
Feb, 2003	412,100	52,800	173,657	112%
Mar, 2003	262,800	106,100	186,152	86%
Apr, 2003	272,300	61,700	139,843	83%
May, 2003	322,800	59,100	164,329	137%
Jun, 2003	294,500	51,100	166,980	232%
Jul, 2003	54,300	24,400	34,894	73%
Aug, 2003	137,000	30,600	90,281	225%
Sep, 2003	238,300	35,200	114,720	330%

### Cincinnati, OH - Mile Point 477.5

	Flow (CFS)			% Long
	Maximum	Minimum	Average	Term Average
Oct, 2001	60,500	14,700	24,626	59%
Nov, 2001	92,600	16,100	26,020	35%
Dec, 2001	169,200	44,200	83,358	65%
Jan, 2002	212,400	32,800	77,987	62%
Feb, 2002	151,700	50,500	87,793	56%
Mar, 2002	422,300	47,000	158,255	73%
Apr, 2002	316,000	97,400	195,147	115%
May, 2002	323,900	92,800	225,074	187%
Jun, 2002	218,200	35,000	88,680	123%
Jul, 2002	56,900	25,100	36,455	76%
Aug, 2002	42,700	13,400	18,432	46%
Sep, 2002	39,700	10,800	16,353	47%
Oct, 2002	77,700	15,100	33,616	81%
Nov, 2002	137,000	50,600	99,923	133%
Dec, 2002	235,100	48,100	123,419	96%
Jan, 2003	260,000	32,900	107,339	85%
Feb, 2003	416,300	55,400	187,486	121%
Mar, 2003	294,100	117,200	201,684	93%
Apr, 2003	283,600	65,200	147,753	87%
May, 2003	326,700	62,800	183,577	153%
Jun, 2003	309,000	55,300	175,900	244%
Jul, 2003	56,900	25,100	36,455	76%
Aug, 2003	140,600	32,100	93,432	232%
Sep, 2003	248,000	35,700	119,757	344%

## Hydrologic Data for Water Years 2000 and 2001

### Markland, KY - Mile Point 531.5

	Flow (CFS)			% Long
	Maximum	Minimum	Average	Term Average
Oct, 2001	101,200	17,200	36,045	70%
Nov, 2001	137,800	18,800	31,310	34%
Dec, 2001	192,400	52,500	101,294	62%
Jan, 2002	220,000	37,100	84,463	61%
Feb, 2002	185,000	53,800	96,782	56%
Mar, 2002	451,400	51,100	171,568	82%
Apr, 2002	324,600	109,100	215,183	114%
May, 2002	336,700	104,900	248,897	182%
Jun, 2002	217,300	39,300	96,483	106%
Jul, 2002	59,600	27,400	39,048	67%
Aug, 2002	45,300	14,600	19,929	39%
Sep, 2002	66,600	11,800	18,803	42%
Oct, 2002	92,000	17,200	37,781	73%
Nov, 2002	161,200	53,800	105,960	116%
Dec, 2002	240,400	51,000	130,590	81%
Jan, 2003	267,200	36,400	115,448	83%
Feb, 2003	424,400	59,100	203,004	118%
Mar, 2003	356,000	128,400	219,742	105%
Apr, 2003	291,400	68,200	154,113	81%
May, 2003	362,700	66,700	194,571	143%
Jun, 2003	321,500	59,000	185,053	203%
Jul, 2003	59,600	27,400	39,048	67%
Aug, 2003	153,100	34,900	98,687	195%
Sep, 2003	264,700	43,100	129,607	286%

### Louisville, KY - Mile Point 600.6

	Flow (CFS)			% Long
	Maximum	Minimum	Average	Term Average
Oct, 2001	123,500	19,000	40,523	89%
Nov, 2001	184,100	19,500	34,197	43%
Dec, 2001	213,500	61,200	115,374	78%
Jan, 2002	259,600	40,400	97,393	67%
Feb, 2002	211,800	57,200	107,646	61%
Mar, 2002	512,700	54,400	199,029	80%
Apr, 2002	332,500	117,300	234,143	119%
May, 2002	356,900	106,300	280,542	201%
Jun, 2002	217,800	40,600	101,530	124%
Jul, 2002	59,200	28,300	40,729	76%
Aug, 2002	48,800	14,900	20,839	48%
Sep, 2002	118,400	11,800	22,657	58%
Oct, 2002	110,200	18,800	44,545	98%
Nov, 2002	202,500	59,100	121,517	153%
Dec, 2002	300,700	56,100	152,961	103%
Jan, 2003	287,800	37,000	129,471	89%
Feb, 2003	452,200	66,100	224,632	127%
Mar, 2003	440,800	143,000	242,103	97%
Apr, 2003	334,700	79,000	177,570	90%
May, 2003	375,000	70,200	217,355	156%
Jun, 2003	344,300	64,900	205,483	251%
Jul, 2003	59,200	28,300	40,729	76%
Aug, 2003	170,400	38,000	109,555	250%
Sep, 2003	292,900	47,300	141,930	365%

### West Point, KY - Mile Point 625.9

	Flow (CFS)			% Long
	Maximum	Minimum	Average	Term Average
Oct, 2001	123,500	19,000	40,523	63%
Nov, 2001	184,100	19,500	34,197	31%
Dec, 2001	213,500	61,200	115,374	57%
Jan, 2002	259,600	40,400	97,393	51%
Feb, 2002	211,800	57,200	107,646	47%
Mar, 2002	512,700	54,400	199,029	74%
Apr, 2002	332,500	117,300	234,143	96%
May, 2002	356,900	106,300	280,542	156%
Jun, 2002	217,800	40,600	101,530	85%
Jul, 2002	59,200	28,300	40,729	55%
Aug, 2002	48,800	14,900	20,839	34%
Sep, 2002	118,400	11,800	22,657	42%
Oct, 2002	110,200	18,800	44,545	70%
Nov, 2002	2,025	59,100	121,517	109%
Dec, 2002	300,700	56,100	152,961	75%
Jan, 2003	287,800	37,000	129,471	68%
Feb, 2003	452,200	66,100	224,632	99%
Mar, 2003	440,800	143,000	242,103	90%
Apr, 2003	334,700	79,000	177,570	73%
May, 2003	375,000	70,200	217,355	120%
Jun, 2003	344,300	64,900	205,483	173%
Jul, 2003	59,200	28,300	40,729	55%
Aug, 2003	170,400	38,000	109,555	180%
Sep, 2003	292,900	47,300	141,930	262%

### Cannelton, IN - Mile Point 720.7

	Flow (CFS)			% Long
	Maximum	Minimum	Average	Term Average
Oct, 2001	143,900	19,600	42,942	67%
Nov, 2001	198,700	19,800	35,410	32%
Dec, 2001	236,800	66,800	126,645	62%
Jan, 2002	269,300	42,500	102,233	53%
Feb, 2002	223,500	59,600	114,154	50%
Mar, 2002	483,600	56,900	200,800	74%
Apr, 2002	330,000	122,400	243,317	99%
May, 2002	365,700	112,400	297,103	165%
Jun, 2002	220,500	38,100	103,907	87%
Jul, 2002	59,900	28,300	40,971	55%
Aug, 2002	51,400	15,300	21,403	35%
Sep, 2002	169,100	12,000	25,400	47%
Oct, 2002	104,800	19,600	44,997	70%
Nov, 2002	215,400	62,700	128,623	115%
Dec, 2002	331,800	49,100	161,539	80%
Jan, 2003	288,000	31,500	134,510	70%
Feb, 2003	453,300	68,300	222,832	98%
Mar, 2003	454,800	150,500	252,503	94%
Apr, 2003	329,200	85,000	187,250	76%
May, 2003	367,300	73,700	226,142	125%
Jun, 2003	334,900	64,800	211,787	178%
Jul, 2003	59,900	28,300	40,971	55%
Aug, 2003	171,400	40,700	111,410	183%
Sep, 2003	284,000	44,700	145,037	268%

## Hydrologic Data for Water Years 2000 and 2001

### Evansville, IN - Mile Point 776.1

	Flow (CFS)			% Long
	Maximum	Minimum	Average	Term Average
Oct, 2001	169,000	21,900	54,810	86%
Nov, 2001	257,700	24,600	45,343	41%
Dec, 2001	300,900	93,400	171,794	85%
Jan, 2002	325,400	52,000	121,010	63%
Feb, 2002	269,900	67,100	133,621	59%
Mar, 2002	558,300	64,800	224,542	83%
Apr, 2002	402,500	140,200	281,207	115%
May, 2002	430,400	139,100	346,687	192%
Jun, 2002	217,800	41,400	112,667	95%
Jul, 2002	63,100	31,000	44,077	59%
Aug, 2002	55,100	16,900	23,129	38%
Sep, 2002	193,800	13,800	32,277	60%
Oct, 2002	122,800	27,600	63,426	99%
Nov, 2002	239,800	77,500	150,587	135%
Dec, 2002	378,400	61,200	191,574	94%
Jan, 2003	311,400	40,500	161,000	84%
Feb, 2003	511,500	78,000	251,046	110%
Mar, 2003	499,800	163,800	289,719	107%
Apr, 2003	352,100	107,700	208,620	85%
May, 2003	403,400	88,800	257,610	143%
Jun, 2003	352,200	77,600	233,200	196%
Jul, 2003	63,100	31,000	44,077	59%
Aug, 2003	177,700	47,000	117,997	193%
Sep, 2003	301,500	50,000	158,443	293%

### J.T. Myers - Mile Point 846.0

	Flow (CFS)			% Long
	Maximum	Minimum	Average	Term Average
Oct, 2001	242,300	30,100	99,981	156%
Nov, 2001	288,400	43,700	82,663	74%
Dec, 2001	427,700	156,300	270,281	133%
Jan, 2002	347,300	77,300	149,437	78%
Feb, 2002	346,300	113,300	197,057	87%
Mar, 2002	614,700	113,900	292,277	108%
Apr, 2002	543,200	211,800	374,587	153%
May, 2002	660,800	222,200	527,816	293%
Jun, 2002	258,500	66,400	155,757	131%
Jul, 2002	85,300	46,600	60,029	81%
Aug, 2002	66,900	23,900	34,542	57%
Sep, 2002	208,300	19,200	40,430	75%
Oct, 2002	132,300	35,000	71,110	111%
Nov, 2002	258,700	87,700	163,567	146%
Dec, 2002	409,400	70,300	208,874	103%
Jan, 2003	373,500	50,900	192,570	101%
Feb, 2003	559,700	88,500	272,250	120%
Mar, 2003	550,300	206,500	351,842	130%
Apr, 2003	384,100	153,400	243,403	99%
May, 2003	509,900	118,800	335,219	186%
Jun, 2003	403,300	99,100	273,263	230%
Jul, 2003	85,300	46,600	60,029	81%
Aug, 2003	208,600	42,600	143,203	235%
Sep, 2003	364,200	78,200	196,303	363%

### Smithland, KY - Mile Point 918.5

	Flow (CFS)			% Long
	Maximum	Minimum	Average	Term Average
Oct, 2001	39,400	15,900	24,458	17%
Nov, 2001	109,200	19,800	38,793	18%
Dec, 2001	207,500	38,300	89,548	22%
Jan, 2002	341,400	78,600	148,263	43%
Feb, 2002	352,600	117,000	207,093	54%
Mar, 2002	617,100	117,600	288,023	58%
Apr, 2002	572,300	222,200	386,397	88%
May, 2002	675,300	247,600	545,681	157%
Jun, 2002	261,200	69,800	160,703	68%
Jul, 2002	109,300	38,300	70,032	44%
Aug, 2002	70,300	23,900	35,126	25%
Sep, 2002	199,300	19,300	39,633	32%
Oct, 2002	125,100	35,900	71,642	51%
Nov, 2002	256,100	87,000	164,960	75%
Dec, 2002	419,100	70,400	206,242	50%
Jan, 2003	383,300	57,800	204,610	59%
Feb, 2003	564,700	93,900	268,757	70%
Mar, 2003	543,500	212,200	368,565	74%
Apr, 2003	385,000	166,500	248,870	57%
May, 2003	523,500	121,500	339,994	98%
Jun, 2003	408,100	102,900	278,020	118%
Jul, 2003	87,200	46,900	61,400	39%
Aug, 2003	209,500	57,000	146,294	104%
Sep, 2003	364,400	80,800	196,963	159%