

03353620 LICK CREEK AT INDIANAPOLIS, IN

LOCATION.--Lat 39°42'21", long 86°06'13", in NE¼NE¼ sec.32, T.15 N., R.4 E., Marion County, Hydrologic Unit 05120201, (BEECH GROVE, IN quadrangle), on left bank, at upstream side of Sherman Drive bridge, in Indianapolis, 0.35 mi downstream of Beach Creek mouth, 5.1 mi west of Wanamaker, IN., and at mile 6.2.

DRAINAGE AREA.--15.6 mi².

PERIOD OF RECORD.--October 1970 to current year.

GAGE.--Water-stage recorder. Datum of gage is 742.00 ft above National Geodetic Vertical Datum of 1929 (Indiana Flood Control and Water Resources Commission bench mark).

REMARKS.--Records fair except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e0.40	e0.90	74	46	e8.0	17	8.2	12	2.2	2.6	1.5	20
2	e0.38	204	33	49	8.3	10	12	11	2.4	1.6	1.2	10
3	e0.35	52	22	492	7.9	9.0	8.7	8.0	2.2	1.2	1.0	5.9
4	e0.34	24	17	183	8.3	8.6	8.5	6.9	2.2	1.0	0.87	3.1
5	e0.34	15	12	1,070	8.9	7.6	7.4	5.8	1.9	0.91	3.4	2.2
6	e0.34	9.4	13	410	9.8	6.6	6.5	5.4	1.6	0.78	2.8	1.7
7	e0.32	7.2	76	80	44	6.4	14	5.1	1.4	0.68	1.8	1.4
8	e0.33	5.8	47	67	46	8.0	9.3	4.7	1.3	0.62	1.1	6.1
9	e0.33	6.3	25	63	43	7.2	6.5	4.3	1.2	0.79	7.7	9.3
10	e0.33	5.2	23	59	30	5.2	5.5	4.0	1.2	2.4	2.5	3.6
11	e0.32	19	31	251	19	5.4	5.0	9.0	1.2	1.4	3.1	2.4
12	e0.34	23	21	199	15	5.6	5.5	18	72	17	1.7	1.9
13	e4.0	9.8	16	526	20	5.0	12	8.9	74	3.9	1.5	2.0
14	e8.0	7.1	12	139	102	4.3	6.1	93	22	2.7	1.2	1.4
15	e2.5	6.1	10	53	42	4.1	4.7	31	10	2.1	3.5	3.4
16	e1.2	5.8	9.1	37	76	4.5	4.1	15	5.7	23	2.1	8.9
17	e0.70	5.3	8.4	e28	34	4.1	3.7	8.7	3.5	168	1.2	2.4
18	e48	5.6	8.0	e20	21	3.9	3.5	6.6	2.7	22	0.92	1.5
19	e10	16	7.5	e18	16	4.8	3.4	9.2	2.4	11	8.1	15
20	e2.2	9.5	e7.0	e16	20	4.5	3.6	18	2.0	5.2	1.9	43
21	e1.0	7.1	e6.6	e15	21	3.8	13	8.1	1.8	23	1.1	7.9
22	e0.50	6.4	e6.4	e13	15	5.0	190	5.9	1.6	227	0.84	3.9
23	e57	6.5	e5.8	e11	12	14	333	4.8	1.3	20	0.68	4.7
24	e21	112	e5.6	e10	12	7.8	60	4.1	1.9	10	0.58	2.6
25	e2.7	71	e5.2	e10	9.9	14	31	3.4	1.2	5.5	0.53	101
26	e0.80	28	e4.9	e9.6	8.8	16	52	3.2	1.1	3.8	10	154
27	e5.7	39	e4.8	e9.1	7.8	11	40	3.2	1.0	15	8.5	21
28	e2.0	54	e6.0	e8.9	15	24	23	2.9	12	4.7	5.3	10
29	e0.90	25	e10	e8.8	---	16	18	2.6	23	2.9	1.6	11
30	e6.0	31	e60	e8.5	---	10	16	3.0	7.7	2.2	298	4.8
31	e2.0	---	92	e8.2	---	12	---	2.6	---	1.7	111	---
TOTAL	180.32	817.00	679.3	3,918.1	680.7	265.4	914.2	328.4	265.7	584.68	487.22	466.1
MEAN	5.82	27.2	21.9	126	24.3	8.56	30.5	10.6	8.86	18.9	15.7	15.5
MAX	57	204	92	1,070	102	24	333	93	74	227	298	154
MIN	0.32	0.90	4.8	8.2	7.8	3.8	3.4	2.6	1.0	0.62	0.53	1.4
CFSM	0.37	1.75	1.40	8.10	1.56	0.55	1.95	0.68	0.57	1.21	1.01	1.00
IN.	0.43	1.95	1.62	9.34	1.62	0.63	2.18	0.78	0.63	1.39	1.16	1.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 2005, BY WATER YEAR (WY)

MEAN	9.38	20.9	23.0	24.5	25.7	30.1	26.9	26.4	18.2	17.5	10.8	9.67
MAX	55.9	102	76.4	126	57.1	64.6	71.4	102	88.8	95.5	54.1	54.8
(WY)	(2002)	(1994)	(1991)	(2005)	(1975)	(1978)	(1996)	(1996)	(1998)	(1992)	(1979)	(2003)
MIN	1.03	0.71	2.14	1.00	4.67	5.46	3.92	1.87	0.39	2.55	1.28	0.17
(WY)	(1983)	(2000)	(1981)	(1981)	(1978)	(2001)	(1971)	(1988)	(1988)	(1991)	(1986)	(1999)

SUMMARY STATISTICS

FOR 2004 CALENDAR YEAR

FOR 2005 WATER YEAR

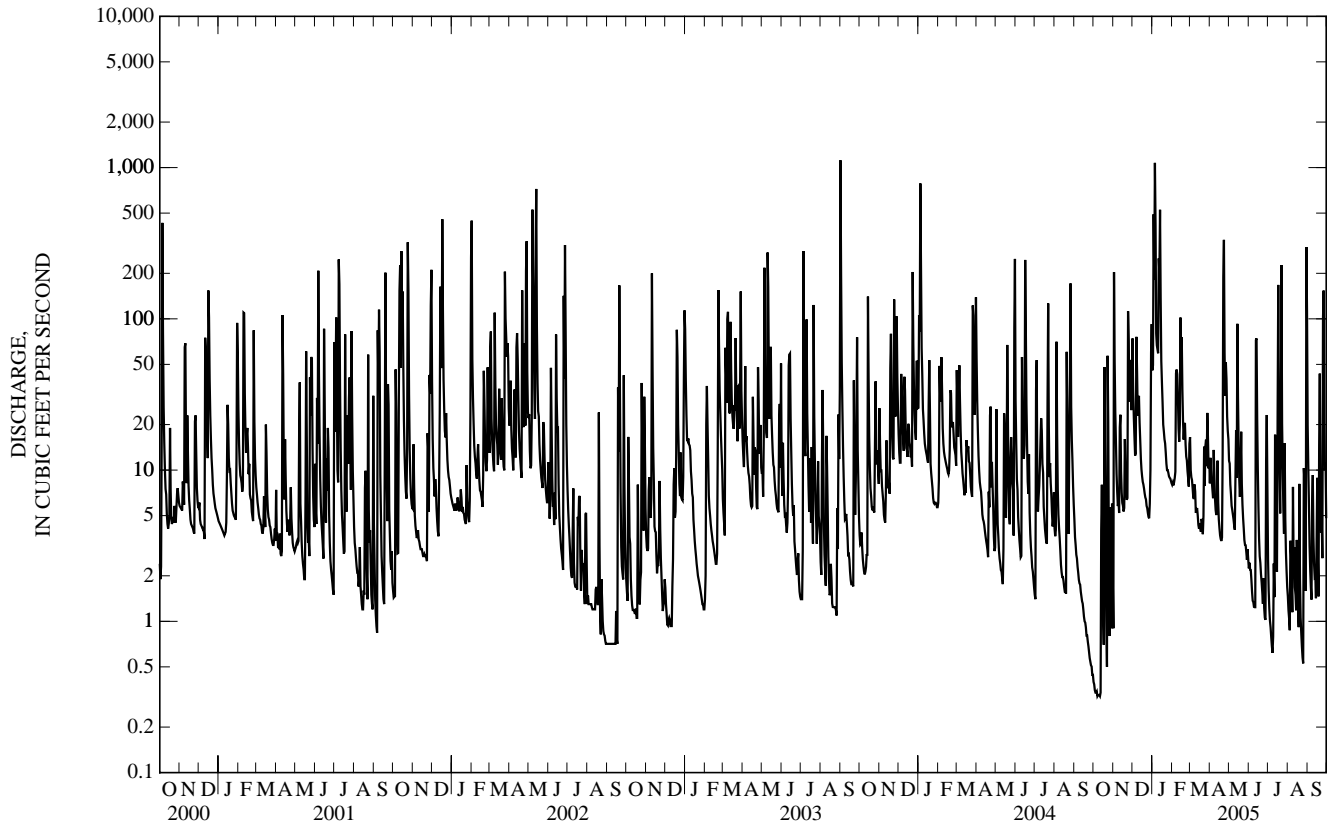
WATER YEARS 1971 - 2005

ANNUAL TOTAL	7,346.44	9,587.12	
ANNUAL MEAN	20.1	26.3	20.2
HIGHEST ANNUAL MEAN			30.6
LOWEST ANNUAL MEAN			10.8
HIGHEST DAILY MEAN	786	Jan 4	1,380
LOWEST DAILY MEAN	0.32	Oct 7	0.05
ANNUAL SEVEN-DAY MINIMUM	0.33	Oct 5	0.07
MAXIMUM PEAK FLOW			2,500
MAXIMUM PEAK STAGE			9.61
ANNUAL RUNOFF (CFSM)	1.29		1.30
ANNUAL RUNOFF (INCHES)	17.52		17.61
10 PERCENT EXCEEDS	46		44
50 PERCENT EXCEEDS	7.8		6.8
90 PERCENT EXCEEDS	1.4		1.2

e Estimated

WABASH RIVER BASIN

03353620 LICK CREEK AT INDIANAPOLIS, IN—Continued



03353637 LITTLE BUCK CREEK NEAR INDIANAPOLIS, IN

LOCATION.--Lat 39°40'00", long 86°11'47", in SW¹/₄SW¹/₄ sec.10, T.14 N., R.3 E., Marion County, Hydrologic Unit 05120201, (MAYWOOD, IN quadrangle), on right bank, 10 ft upstream from bridge on South Belmont Street, 0.75 mi west of State Road 37, 1.5 mi south of Interstate 465, and 2.2 mi above mouth.

DRAINAGE AREA.--17.0 mi².

PERIOD OF RECORD.--October 1989 to current year.

REVISED RECORDS.--WDR IN-95-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 666.20 above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	7.7	45	43	12	17	11	16	3.0	11	0.00	55
2	0.00	127	30	35	10	13	12	13	3.1	6.9	0.00	24
3	0.00	51	22	261	9.7	12	11	12	3.0	4.5	0.00	13
4	0.00	25	18	175	9.3	11	8.9	10	2.7	3.4	0.00	8.1
5	0.00	18	16	927	9.2	10	8.2	9.3	2.5	2.7	e1.9	6.0
6	0.00	15	16	465	9.3	9.8	7.8	8.3	2.1	1.9	2.0	4.8
7	0.00	13	48	109	23	9.6	15	13	2.0	2.7	0.65	3.9
8	0.00	12	39	82	35	9.1	12	12	1.9	1.5	0.00	2.8
9	0.00	11	25	66	33	8.5	10	7.4	1.4	0.01	0.38	1.6
10	0.00	11	22	62	27	8.1	9.2	6.5	0.04	0.00	7.4	0.43
11	0.00	16	25	155	20	8.4	9.0	7.2	0.29	0.00	3.8	0.00
12	0.00	20	23	266	16	8.4	8.5	26	49	7.1	1.2	0.00
13	8.2	15	18	514	18	7.9	16	13	72	4.9	2.0	0.00
14	6.0	13	16	185	84	7.6	12	82	23	4.3	3.2	0.00
15	8.5	11	15	64	52	7.2	8.9	42	12	e3.8	5.4	1.1
16	4.5	11	14	46	56	6.9	7.6	21	7.4	8.8	2.1	2.9
17	0.30	10	13	35	37	6.9	6.7	14	5.5	13	0.35	0.00
18	25	10	13	e30	26	6.6	6.3	11	4.4	11	0.00	0.00
19	22	15	e12	27	20	6.7	6.0	11	3.5	9.2	4.5	9.7
20	13	14	e11	24	22	6.9	5.6	17	2.8	4.7	2.8	35
21	9.3	12	e10	21	24	6.4	16	11	2.0	4.9	0.35	11
22	6.3	12	e9.1	19	19	6.5	192	8.1	0.93	68	0.36	6.3
23	27	11	e8.2	e16	16	12	341	6.6	0.18	18	0.00	4.3
24	30	53	e8.0	e14	14	9.4	85	5.7	0.00	9.7	0.00	17
25	15	70	e7.8	15	13	10	40	4.9	0.00	6.6	0.00	75
26	12	30	e7.2	16	12	12	54	4.4	0.00	5.3	4.3	191
27	17	29	e6.1	14	11	11	48	4.0	0.00	10	1.1	37
28	13	42	e23	e12	15	20	28	3.8	5.6	6.1	1.7	19
29	11	25	e38	12	---	19	22	3.4	79	4.3	0.15	17
30	11	25	e69	13	---	14	21	3.6	23	3.2	293	11
31	8.9	---	86	12	---	14	---	3.3	---	1.7	278	---
TOTAL	248.00	734.7	713.4	3,735	652.5	315.9	1,038.7	410.5	312.34	239.21	616.64	556.93
MEAN	8.00	24.5	23.0	120	23.3	10.2	34.6	13.2	10.4	7.72	19.9	18.6
MAX	30	127	86	927	84	20	341	82	79	68	293	191
MIN	0.00	7.7	6.1	12	9.2	6.4	5.6	3.3	0.00	0.00	0.00	0.00
CFSM	0.47	1.44	1.35	7.09	1.37	0.60	2.04	0.78	0.61	0.45	1.17	1.09
IN.	0.54	1.61	1.56	8.17	1.43	0.69	2.27	0.90	0.68	0.52	1.35	1.22

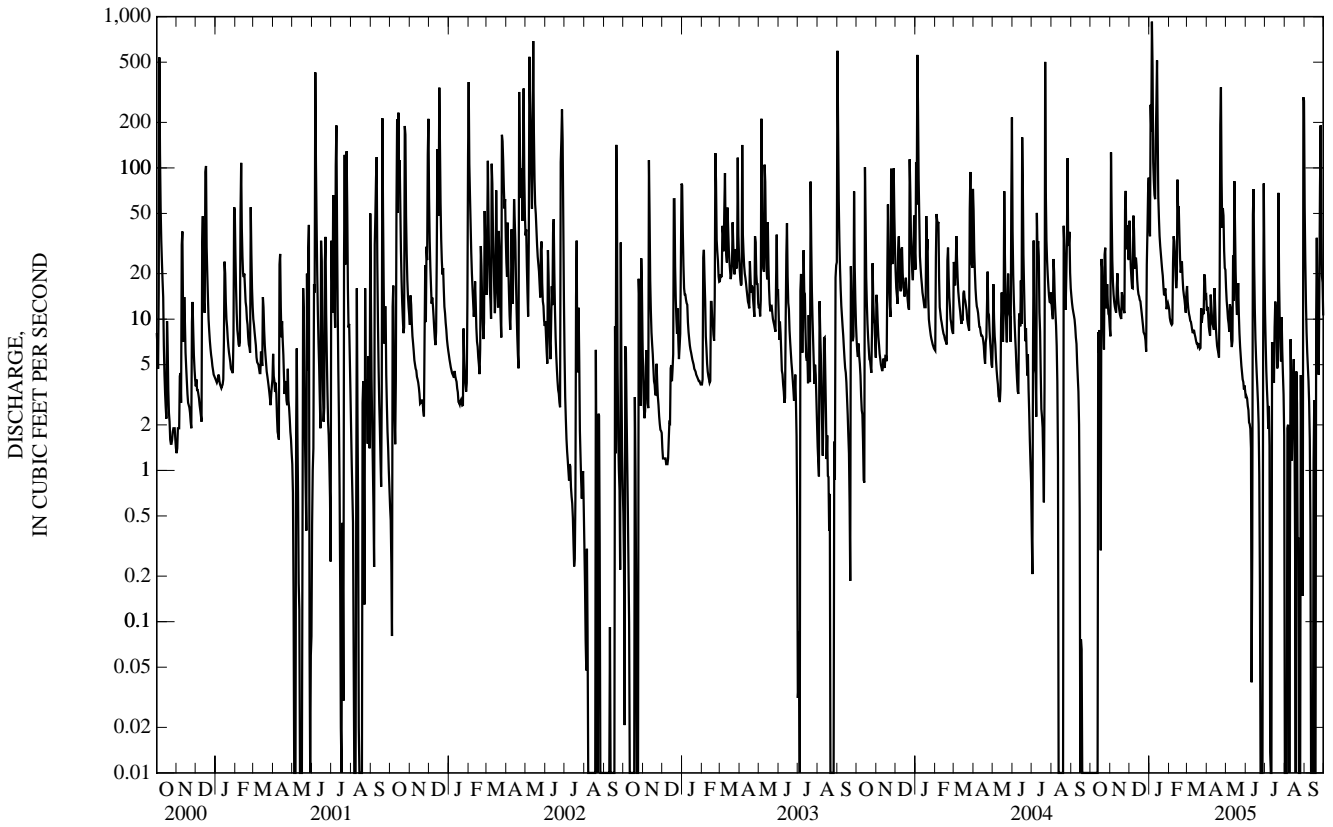
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2005, BY WATER YEAR (WY)

MEAN	10.6	22.8	20.9	31.3	22.8	27.8	32.4	32.4	24.2	16.9	7.55	10.1
MAX	45.5	91.9	99.4	120	54.5	68.0	63.7	105	77.3	85.7	19.9	38.5
(WY)	(2002)	(1994)	(1991)	(2005)	(1990)	(1991)	(1996)	(1996)	(1998)	(1992)	(2005)	(2003)
MIN	0.06	0.00	1.02	1.42	6.39	5.82	5.39	4.60	4.99	2.67	0.43	0.00
(WY)	(2000)	(2000)	(1998)	(2000)	(1998)	(2001)	(2001)	(2001)	(1991)	(1991)	(2002)	(1999)

03353637 LITTLE BUCK CREEK NEAR INDIANAPOLIS, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1990 - 2005	
ANNUAL TOTAL	7,396.04		9,573.82			
ANNUAL MEAN	20.2		26.2		21.6	
HIGHEST ANNUAL MEAN					32.3	2002
LOWEST ANNUAL MEAN					10.4	2000
HIGHEST DAILY MEAN	559	Jan 4	927	Jan 5	1,390	Dec 30, 1990
LOWEST DAILY MEAN	0.00	Aug 13	0.00	Oct 1	0.00	Sep 8, 1991
ANNUAL SEVEN-DAY MINIMUM	0.00	Aug 13	0.00	Oct 1	0.00	Sep 8, 1991
MAXIMUM PEAK FLOW			1,190	Jan 5	2,300	Dec 30, 1990
MAXIMUM PEAK STAGE			8.07	Jan 5	11.21	Nov 14, 1993
ANNUAL RUNOFF (CFSM)	1.19		1.54		1.27	
ANNUAL RUNOFF (INCHES)	16.18		20.95		17.27	
10 PERCENT EXCEEDS	38		48		44	
50 PERCENT EXCEEDS	11		11		8.2	
90 PERCENT EXCEEDS	0.17		0.17		0.00	

e Estimated



03353800 WHITE LICK CREEK AT MOORESVILLE, IN

LOCATION.--Lat 39°36'28", long 86°22'56", in NE¼SE¼ sec.35, T.14 N., R.1 E., Morgan County, Hydrologic Unit 05120201, (MOORESVILLE WEST, IN quadrangle), on right bank at downstream side of bridge on State Highway 42 at Mooresville, 0.9 mi downstream from McCracken Creek, 2.0 mi upstream from East Fork White Lick Creek, and at mile 11.4.

DRAINAGE AREA.--212 mi².

PERIOD OF RECORD.--August 1957 to current year.

GAGE.--Water-stage recorder. Datum of gage is 644.64 ft above National Geodetic Vertical Datum of 1929. Dec. 10, 1963 to Sept. 30, 1964, nonrecording gage at bridge 1,950 ft upstream at datum 1.39 ft higher.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Pumpage from a well field above gage affects low flows.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of June 28, 1957, reached a stage of 22.5 ft, from levels to high-water mark by State of Indiana, Department of Natural Resources.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e16	38	543	425	193	201	146	227	78	38	30	95
2	e16	564	481	528	187	182	144	199	78	34	29	49
3	e15	457	353	3,830	184	167	140	179	83	31	26	36
4	e15	250	293	5,620	181	161	129	160	86	29	23	29
5	e14	179	263	8,050	182	156	124	147	80	28	25	25
6	13	140	254	7,350	195	144	120	137	86	27	30	23
7	13	119	546	1,780	270	140	130	131	101	26	26	23
8	14	102	846	1,090	559	139	169	144	80	24	29	22
9	14	89	505	875	479	127	153	134	70	24	26	21
10	13	83	399	915	413	121	134	124	66	23	26	21
11	13	94	336	1,610	319	122	125	117	67	21	69	20
12	14	218	300	2,730	284	123	124	176	112	38	43	18
13	31	168	273	3,800	285	116	173	155	876	40	31	18
14	41	129	241	2,990	968	108	141	542	428	34	28	17
15	38	110	220	968	734	103	118	346	246	32	29	19
16	38	101	212	653	828	99	109	221	170	48	30	30
17	26	95	204	507	634	98	103	174	126	115	27	34
18	64	91	194	410	400	97	100	156	101	100	24	25
19	143	112	190	386	318	98	96	173	86	63	43	29
20	72	120	e164	352	292	99	93	312	77	44	33	164
21	45	108	e160	324	309	95	129	232	71	50	25	83
22	34	101	e156	299	285	93	673	174	65	252	25	49
23	82	100	e153	264	259	127	1,930	156	60	154	22	35
24	155	253	e150	251	243	123	718	139	56	79	19	35
25	70	807	e147	247	228	123	440	121	53	54	18	59
26	48	400	e144	250	210	159	387	111	47	42	29	795
27	48	303	e142	236	194	159	481	103	44	91	35	323
28	42	609	e140	207	194	183	353	95	42	90	36	160
29	39	380	e150	212	---	167	291	87	42	61	26	126
30	42	310	e230	209	---	141	267	84	43	43	110	99
31	43	---	488	202	---	146	---	81	---	34	291	---
TOTAL	1,271	6,630	8,877	47,570	9,827	4,117	8,240	5,337	3,620	1,769	1,263	2,482
MEAN	41.0	221	286	1,535	351	133	275	172	121	57.1	40.7	82.7
MAX	155	807	846	8,050	968	201	1,930	542	876	252	291	795
MIN	13	38	140	202	181	93	93	81	42	21	18	17
CFSM	0.19	1.04	1.35	7.24	1.66	0.63	1.30	0.81	0.57	0.27	0.19	0.39
IN.	0.22	1.16	1.56	8.35	1.72	0.72	1.45	0.94	0.64	0.31	0.22	0.44

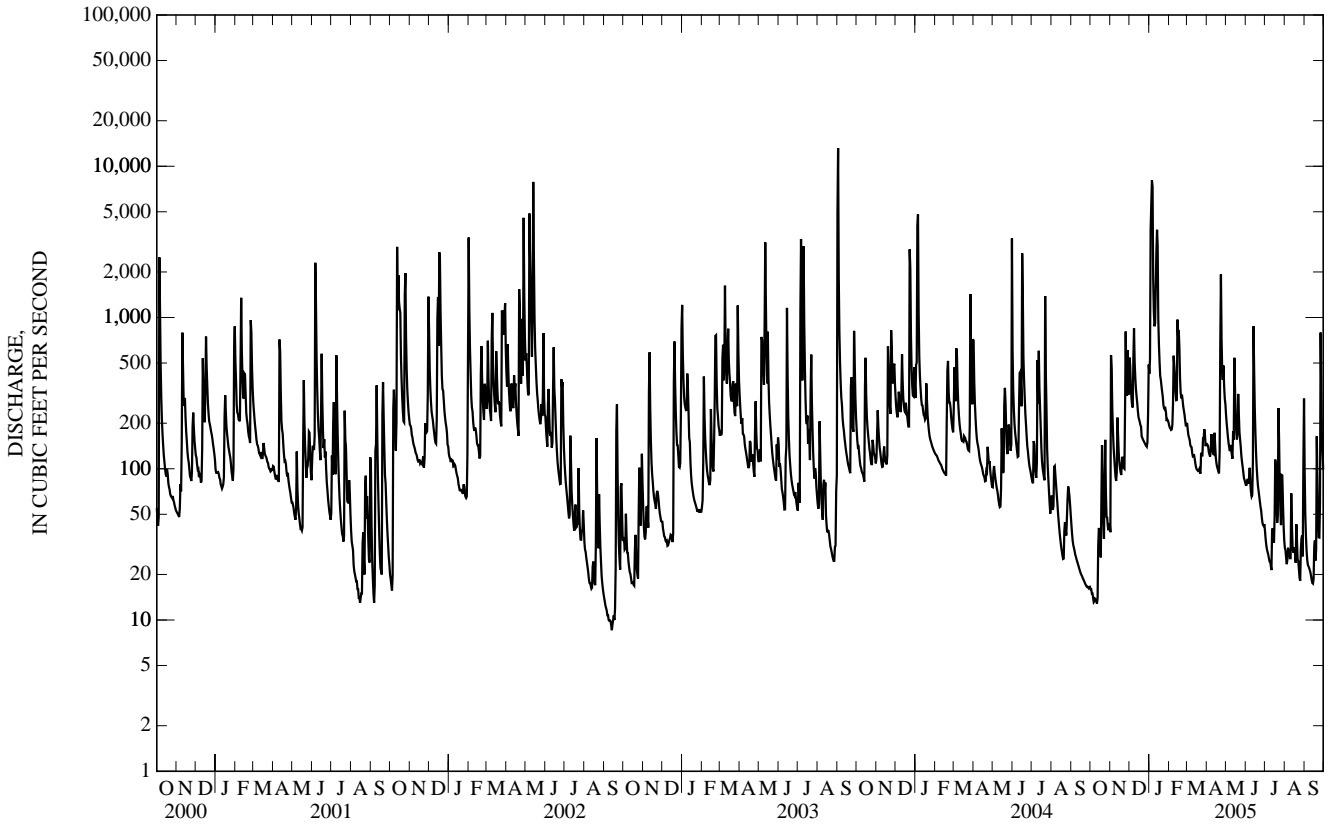
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1957 - 2005, BY WATER YEAR (WY)

MEAN	79.5	193	265	290	321	410	364	301	179	147	76.2	73.5
MAX	592	1,193	975	1,535	942	1,154	1,328	1,062	936	764	567	905
(WY)	(2002)	(1994)	(1991)	(2005)	(1971)	(1963)	(1964)	(1996)	(1998)	(1979)	(1979)	(2003)
MIN	5.47	9.86	8.83	9.60	35.7	86.8	83.1	46.3	12.9	11.7	5.10	3.51
(WY)	(1998)	(1968)	(1964)	(1977)	(1964)	(2000)	(1971)	(1976)	(1988)	(1966)	(1966)	(1991)

03353800 WHITE LICK CREEK AT MOOREVILLE, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1957 - 2005	
ANNUAL TOTAL	79,097		101,003		225	
ANNUAL MEAN	216		277		372	
HIGHEST ANNUAL MEAN					1974	
LOWEST ANNUAL MEAN					51.1	
HIGHEST DAILY MEAN	4,800	Jan 5	8,050	Jan 5	13,200	Sep 2, 2003
LOWEST DAILY MEAN	13	Oct 6	13	Oct 6	0.68	Aug 27, 1988
ANNUAL SEVEN-DAY MINIMUM	13	Oct 5	13	Oct 5	1.8	Sep 24, 1988
MAXIMUM PEAK FLOW			12,000	Jan 6	19,900	Sep 2, 2003
MAXIMUM PEAK STAGE			20.78	Jan 6	23.31	Jul 13, 1979
ANNUAL RUNOFF (CFSM)	1.02		1.31		1.06	
ANNUAL RUNOFF (INCHES)	13.88		17.72		14.44	
10 PERCENT EXCEEDS	414		481		472	
50 PERCENT EXCEEDS	124		123		92	
90 PERCENT EXCEEDS	26		26		13	

e Estimated



03354000 WHITE RIVER NEAR CENTERTON, IN

(Former National stream-quality accounting network station)

LOCATION.--Lat 39°29'51", long 86°24'02", in NE¹/₄NE¹/₄ sec.10, T.12 N., R.1 E., Morgan County, Hydrologic Unit 05120201, (MOORESVILLE WEST, IN quadrangle), on right bank at upstream side of bridge on Blue Bluff Road, 0.8 mi downstream from White Lick Creek, 1 mi south of Centerton, and at mile 199.3.

DRAINAGE AREA.--2,444 mi².

PERIOD OF RECORD.--July 1925 to September 1930 (gage heights only), October 1930 to March 1932, October 1946 to current year. Monthly discharge only for October and November 1946, published in WSP 1305. Published as West Fork White River at Martinsville prior to March 1932, and as West Fork White River near Centerton October 1946 to September 1948.

REVISED RECORDS.--WSP 1335: 1948-49. WSP 1909: 1931(M). WSP 2109: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 595.44 ft above National Geodetic Vertical Datum of 1929 (Corps of Engineers bench mark), levels by Indianapolis Power and Light Co. See WSP 1725 for history of changes prior to July 1953. July 1953 to Aug. 7, 1975, water-stage recorder at site 0.4 mi downstream at same datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by upstream reservoirs.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in March 1913 reached a stage of 22.8 ft at Martinsville site (from information by Indiana State Highway Commission) and 21.9 ft at site 0.4 mi downstream (from information by Corps of Engineers), discharge, 90,000 ft³/s.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	582	669	3,730	3,990	2,480	2,890	2,200	4,060	1,270	1,900	1,170	1,900
2	575	2,500	3,820	5,880	2,350	2,750	2,090	3,550	1,200	1,600	973	1,780
3	569	3,520	3,740	12,400	2,250	2,530	2,030	3,030	1,210	1,780	849	1,620
4	569	2,300	3,320	23,100	2,170	2,350	1,910	2,640	1,190	1,590	795	1,170
5	567	1,990	2,680	33,800	2,210	2,260	2,010	2,440	1,150	1,260	809	926
6	564	1,600	2,380	51,700	2,180	2,250	1,870	2,300	1,110	1,060	833	786
7	558	1,330	2,870	40,400	2,550	2,290	1,830	2,100	1,150	918	795	721
8	556	1,160	4,410	35,000	5,100	2,360	2,060	2,110	1,070	830	759	650
9	558	1,020	4,890	28,400	8,680	2,280	2,020	1,980	998	747	721	652
10	542	930	4,460	19,800	10,100	2,090	1,790	1,860	937	688	785	665
11	531	911	3,610	12,300	8,320	2,000	1,720	1,720	895	660	730	632
12	526	1,490	3,310	19,800	6,450	1,950	1,720	2,380	1,260	861	707	599
13	605	1,340	3,350	28,000	5,350	1,970	1,870	2,490	6,770	914	901	583
14	830	1,100	2,940	38,900	7,720	1,950	1,850	5,680	5,930	790	1,150	561
15	875	1,010	2,460	36,200	10,100	1,810	1,710	4,650	4,750	757	1,080	566
16	842	971	2,130	30,500	11,600	1,690	1,510	3,360	3,510	1,090	962	1,140
17	674	925	1,850	21,200	11,200	1,650	1,410	2,820	2,590	3,600	833	1,270
18	773	885	1,710	10,400	9,340	1,610	1,400	2,380	2,040	2,490	773	1,580
19	1,500	1,000	1,620	7,410	6,790	1,590	1,330	2,930	1,720	2,010	836	1,590
20	1,020	1,080	1,520	6,200	5,470	1,610	1,280	4,210	1,470	1,840	764	2,830
21	819	995	1,400	5,560	4,670	1,670	1,560	4,200	1,310	1,510	661	2,000
22	705	959	1,290	4,900	4,220	1,690	3,020	3,780	1,160	4,160	632	1,310
23	712	983	e1,260	4,280	3,910	1,910	12,100	3,100	1,060	5,840	607	1,060
24	1,890	1,230	e1,230	3,760	3,480	1,890	12,500	2,540	978	3,260	568	1,920
25	1,110	4,320	e1,220	3,440	3,320	1,750	12,000	2,190	908	2,060	562	1,330
26	892	3,620	e1,210	3,410	3,060	2,100	10,200	1,900	858	1,530	612	7,250
27	871	3,570	e1,200	3,210	2,890	2,330	8,470	1,720	829	1,590	719	6,750
28	823	4,350	e1,190	2,930	2,770	3,080	7,310	1,580	808	3,340	767	5,530
29	759	3,260	1,190	2,760	---	2,970	5,970	1,470	1,440	2,520	668	4,240
30	722	2,870	1,830	2,700	---	2,450	4,810	1,420	2,290	1,730	1,260	3,010
31	699	---	3,480	2,670	---	2,300	---	1,370	---	1,370	4,590	---
TOTAL	23,818	53,888	77,300	505,000	150,730	66,020	113,550	83,960	53,861	56,295	28,871	56,621
MEAN	768	1,796	2,494	16,290	5,383	2,130	3,785	2,708	1,795	1,816	931	1,887
MAX	1,890	4,350	4,890	51,700	11,600	3,080	12,500	5,680	6,770	5,840	4,590	7,250
MIN	526	669	1,190	2,670	2,170	1,590	1,280	1,370	808	660	562	561
CFSM	0.31	0.73	1.02	6.67	2.20	0.87	1.55	1.11	0.73	0.74	0.38	0.77
IN.	0.36	0.82	1.18	7.69	2.29	1.00	1.73	1.28	0.82	0.86	0.44	0.86

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1948 - 2005, BY WATER YEAR (WY)

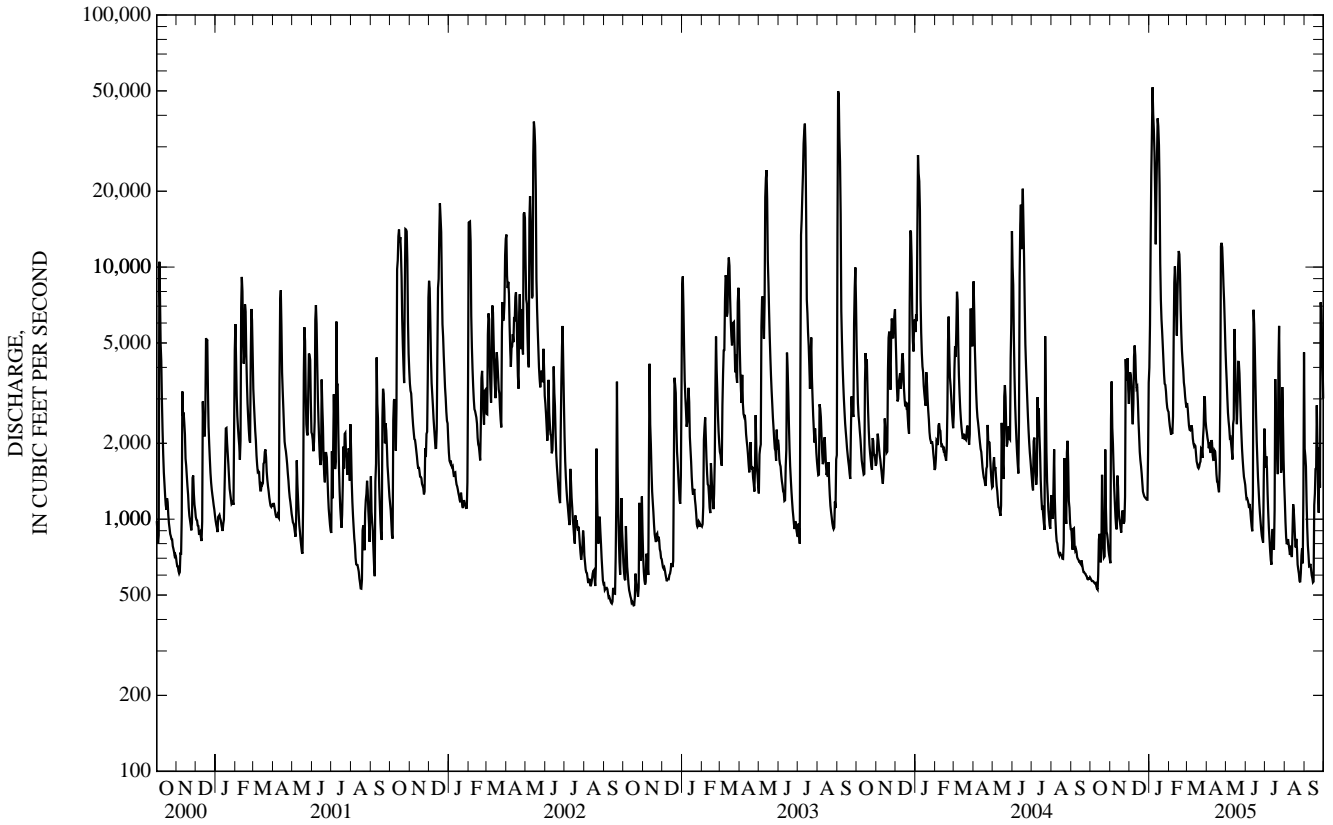
MEAN	965	1,839	2,587	3,498	3,739	4,478	4,263	3,221	2,539	1,939	1,116	1,055
MAX	6,725	11,760	8,248	17,760	10,430	10,390	11,530	11,280	10,310	9,354	6,001	9,121
(WY)	(2002)	(1994)	(1958)	(1950)	(1950)	(1963)	(1964)	(1996)	(2003)	(1998)	(1979)	(2003)
MIN	281	320	305	302	460	1,083	1,097	799	419	344	338	213
(WY)	(1964)	(1954)	(1964)	(1977)	(1964)	(2000)	(1971)	(1976)	(1988)	(1954)	(1966)	(1954)

WABASH RIVER BASIN

03354000 WHITE RIVER NEAR CENTERTON, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1948 - 2005	
ANNUAL TOTAL	983,680		1,269,914		2,597	
ANNUAL MEAN	2,688		3,479		4,115	
HIGHEST ANNUAL MEAN					812	
LOWEST ANNUAL MEAN					1950	
HIGHEST DAILY MEAN	27,800	Jan 5	51,700	Jan 6	51,700	Jan 6, 2005
LOWEST DAILY MEAN	526	Oct 12	526	Oct 12	138	Sep 27, 1954
ANNUAL SEVEN-DAY MINIMUM	548	Oct 6	548	Oct 6	157	Sep 27, 1954
MAXIMUM PEAK FLOW			55,600		65,700	
MAXIMUM PEAK STAGE			19.11		20.04	
ANNUAL RUNOFF (CFSM)	1.10		1.42		1.06	
ANNUAL RUNOFF (INCHES)	14.97		19.33		14.44	
10 PERCENT EXCEEDS	4,990		6,300		5,770	
50 PERCENT EXCEEDS	1,830		1,830		1,390	
90 PERCENT EXCEEDS	697		716		415	

e Estimated



03354000 WHITE RIVER NEAR CENTERTON, IN—Continued

WATER-QUALITY RECORDS

INSTRUMENTATION.--Temperature recorder.

PERIOD OF RECORD.--

WATER TEMPERATURE.--October 1955 to April 1956; October 1966 to September 1967; January 1970 to September 1972; August 1975 to December 1977; June 1978 to December 1978; March 1980 to October 1984; and December 1988 to current year.

REMARKS.--No records.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 33.1°C, Sept. 7, 1977; minimum, -0.6°C, on a few days during 1976, 1977, 1999, and 2001.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 31.4°C, July 25; minimum, 1.3°C, Dec. 25.

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.5	18.2	19.5	17.8	16.8	17.2	8.9	7.6	8.2	7.9	7.2	7.5
2	20.8	18.7	19.7	17.9	15.9	17.2	7.9	6.8	7.4	8.7	7.0	7.7
3	20.3	17.3	18.7	15.9	13.9	14.7	7.8	6.9	7.4	10.6	8.7	9.8
4	20.3	17.4	18.6	13.9	12.9	13.6	7.6	6.4	7.0	10.6	8.4	9.8
5	19.6	16.7	18.0	13.5	11.6	12.6	8.3	6.9	7.7	8.4	6.5	7.3
6	19.7	16.2	17.8	13.9	11.5	12.8	10.0	8.3	9.2	6.5	5.4	6.1
7	19.9	16.8	18.3	15.0	12.9	13.9	11.9	10.0	11.1	5.4	4.6	5.0
8	20.6	18.8	19.6	13.9	12.4	13.1	11.3	9.8	10.4	4.6	3.8	4.1
9	21.8	20.1	20.7	13.1	11.2	12.2	9.8	9.2	9.5	4.5	3.7	4.1
10	20.8	18.4	19.6	13.5	11.5	12.5	10.2	9.8	10.0	5.7	4.5	5.2
11	19.0	17.4	18.2	13.3	12.3	13.0	10.0	8.8	9.5	7.4	5.7	6.4
12	18.0	17.0	17.5	12.3	10.3	11.2	8.8	8.1	8.5	9.2	7.4	8.5
13	18.0	17.5	17.7	10.4	8.6	9.7	8.1	6.1	7.2	9.9	8.0	9.1
14	18.6	17.4	17.9	10.7	8.5	9.7	6.1	5.1	5.5	8.0	6.8	7.2
15	18.0	15.6	16.7	11.1	9.0	10.1	5.4	4.3	4.9	6.8	5.9	6.3
16	15.6	13.5	14.5	12.7	10.9	11.8	5.2	4.0	4.7	5.9	3.4	4.7
17	15.0	12.4	13.7	14.4	12.7	13.5	5.9	4.3	5.1	3.4	2.1	2.6
18	13.8	12.2	13.1	15.5	14.4	15.0	6.3	4.7	5.5	3.0	2.4	2.7
19	13.3	12.2	12.7	15.7	15.3	15.5	6.0	3.5	4.9	3.6	2.7	3.1
20	14.7	13.3	13.9	15.3	14.7	15.0	3.5	2.9	3.1	4.1	3.6	3.9
21	15.7	14.7	15.2	14.7	13.7	14.1	4.9	2.8	3.7	4.0	3.5	3.8
22	18.3	15.6	16.8	14.2	13.4	13.8	4.8	2.4	3.7	3.9	3.2	3.7
23	17.7	16.7	17.2	14.3	13.9	14.1	3.2	2.0	2.4	3.4	2.4	3.0
24	17.6	16.0	16.6	14.3	10.8	13.2	2.6	1.5	1.9	4.0	2.5	3.2
25	17.7	14.8	16.4	10.8	8.6	9.3	2.3	1.3	1.7	5.2	3.6	4.3
26	17.6	15.8	16.8	9.3	8.2	8.7	3.5	2.3	2.8	5.0	4.5	4.9
27	17.9	17.4	17.7	9.3	8.9	9.2	3.2	2.4	2.7	4.7	3.6	4.3
28	18.9	17.1	18.0	9.0	8.3	8.7	3.9	2.4	3.1	4.0	3.1	3.6
29	21.0	18.7	19.8	8.4	8.1	8.3	4.9	3.9	4.4	4.7	3.8	4.2
30	21.5	19.0	20.4	8.9	8.4	8.7	5.0	3.8	4.3	6.4	4.6	5.4
31	19.0	17.4	18.0	---	---	---	7.8	4.7	6.4	5.9	4.7	5.3
MONTH	21.8	12.2	17.4	17.9	8.1	12.4	11.9	1.3	5.9	10.6	2.1	5.4

03357000 WHITE RIVER AT SPENCER, IN

LOCATION.--Lat 39°16'52", long 86°45'44", in NE¹/₄NE¹/₄ sec.29, T.10 N., R. 3 W., Owen County, Hydrologic Unit 05120202. (SPENCER, IN quadrangle), on right bank at upstream side of county road bridge at the south edge of Spencer, 3.3 mi upstream from McBrides Creek, 14 mi northwest of Bloomington, and at mile 165.9.

DRAINAGE AREA.--2,988 mi².

PERIOD OF RECORD.--July 1925 to September 1971 (discharge), October 1987 to current year (gage heights only).

REVISED RECORDS.--WDR IN-95-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 526.04 ft above National Geodetic Vertical Datum of 1929. Prior to Dec. 26, 1940, nonrecording gage at same site and datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 25.06 ft Jan. 7, 2005; minimum gage height, 0.88 ft Sept. 25, 30, and Oct. 1, 1941.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known, 28.5 ft Mar. 26, 1913, from flood marks.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 25.06 ft, Jan. 7; minimum gage height, 2.80 ft, Oct. 12.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.94	3.48	8.08	8.40	6.90	7.35	6.67	8.53	5.23	5.66	4.83	7.28
2	2.90	5.93	8.08	9.91	6.73	7.16	6.49	7.94	5.12	5.40	4.55	5.97
3	2.90	7.84	7.78	15.35	6.60	6.93	6.34	7.42	5.09	5.39	4.32	5.72
4	2.88	6.28	7.34	18.71	6.48	6.70	6.15	6.95	5.05	5.37	4.15	5.06
5	2.88	5.76	6.65	22.76	6.50	6.53	6.20	6.66	4.97	4.95	4.16	4.61
6	2.87	5.30	6.25	24.86	6.46	6.45	6.04	6.46	4.93	4.68	4.18	4.30
7	2.87	4.86	6.79	24.31	6.85	6.45	5.99	6.23	4.93	4.44	4.10	4.12
8	2.85	4.57	8.65	23.25	8.82	6.47	6.29	6.21	4.81	4.28	4.03	3.95
9	2.85	4.33	8.83	22.10	11.43	6.42	6.29	6.00	4.70	4.13	3.95	3.83
10	2.83	4.15	8.62	20.99	12.82	6.22	6.03	5.87	4.63	4.00	4.01	3.86
11	2.81	4.27	7.68	18.19	12.29	6.10	5.86	5.70	4.56	3.94	3.92	3.79
12	2.81	5.08	7.28	17.49	10.74	6.01	5.85	6.51	7.02	4.00	3.88	3.72
13	2.81	4.97	7.22	20.52	9.84	5.99	5.97	6.79	12.16	4.39	3.96	3.64
14	3.23	4.55	6.82	22.46	12.27	5.97	5.95	11.74	10.98	4.17	4.57	3.60
15	3.56	4.33	6.28	22.70	13.87	5.84	5.79	10.50	9.37	4.07	4.51	3.56
16	3.61	4.22	5.90	22.08	14.21	5.68	5.56	8.46	7.95	4.47	4.49	3.66
17	3.28	4.12	5.57	20.91	14.89	5.61	5.39	7.56	6.88	7.56	4.25	4.72
18	3.99	4.06	5.38	17.82	13.65	5.54	5.33	6.89	6.21	6.48	4.05	4.68
19	5.04	4.18	5.22	12.62	11.53	5.49	5.23	9.01	5.79	5.96	5.34	5.40
20	4.29	4.46	5.05	11.10	10.21	5.50	5.13	12.27	5.46	5.64	4.57	6.94
21	3.82	4.28	4.93	10.35	9.45	5.51	5.27	11.67	5.23	5.45	4.10	6.04
22	3.52	4.19	4.79	9.71	8.91	5.60	5.65	10.81	4.97	7.41	3.92	5.10
23	3.84	4.18	4.71	9.04	8.55	5.92	12.53	8.74	4.79	9.58	3.80	4.67
24	5.59	5.42	---	8.51	8.13	6.11	14.37	7.27	4.65	7.48	3.70	6.65
25	4.55	8.26	e4.61	8.14	7.87	5.86	14.51	6.67	4.52	6.11	3.63	6.18
26	4.08	7.39	4.54	8.03	7.58	6.16	14.22	6.24	4.41	5.49	3.75	11.29
27	3.94	7.72	4.59	7.78	7.38	6.36	12.65	5.96	4.35	5.16	4.04	10.94
28	3.89	8.77	4.53	7.44	7.23	7.61	11.45	5.72	4.28	6.94	3.89	9.70
29	3.73	7.49	4.56	7.28	---	7.98	10.44	5.54	4.60	6.43	3.85	8.64
30	3.59	6.99	5.89	7.15	---	7.25	9.32	5.49	6.10	5.63	9.92	7.28
31	3.50	---	8.91	7.10	---	6.85	---	5.38	---	5.11	10.77	---
MEAN	3.49	5.38	---	15.07	9.58	6.31	7.63	7.52	5.79	5.48	4.55	5.63
MAX	5.59	8.77	---	24.86	14.89	7.98	14.51	12.27	12.16	9.58	10.77	11.29
MIN	2.81	3.48	---	7.10	6.46	5.49	5.13	5.38	4.28	3.94	3.63	3.56

e Estimated

03357330 BIG WALNUT CREEK NEAR ROACHDALE, IN

LOCATION.--Lat 39°48'58", long 86°45'12", in SE¹/₄NW¹/₄ sec.21, T.16 N., R.3 W., Putnam County, Hydrologic Unit 05120203, (ROACHDALE, IN quadrangle), on right upstream bank at County Road 1100 South bridge, 3.4 mi southeast of Roachdale, 9.06 mi upstream from confluence with Plum Creek, and at mile 29.16.

DRAINAGE AREA.--131 mi².

PERIOD OF RECORD.--October 2001 to current year.

GAGE.--Water-stage recorder. Datum of gage is 800 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.2	27	345	171	72	102	63	136	51	25	23	11
2	8.2	118	285	321	69	88	74	121	53	22	20	8.3
3	e7.8	130	187	e2,550	69	81	73	108	60	20	18	6.7
4	e7.5	79	141	e6,280	68	82	65	97	53	19	16	6.4
5	e7.2	52	112	e6,000	77	82	63	89	61	17	17	6.1
6	e6.9	41	100	e7,300	106	75	57	85	132	16	17	5.4
7	e6.6	34	450	e2,000	200	77	63	82	77	15	15	5.3
8	e6.4	27	563	e1,500	435	74	66	92	59	14	14	5.0
9	e6.0	23	292	e950	324	65	61	83	52	13	13	e5.0
10	e5.8	21	204	e1,100	255	63	56	75	47	12	15	e4.9
11	e5.7	25	158	e1,900	193	67	52	75	43	11	18	e4.8
12	e5.6	73	133	e3,350	178	65	55	101	e320	17	13	4.7
13	e14	53	112	e1,990	196	59	59	86	e700	17	12	4.7
14	31	38	86	e4,600	583	53	62	339	318	17	11	5.2
15	31	32	73	e2,000	440	50	54	241	174	20	12	5.1
16	30	29	69	e1,000	610	48	49	151	117	28	14	10
17	28	27	67	e500	395	49	47	109	89	122	12	8.6
18	43	26	59	e300	237	49	47	94	73	e62	11	6.7
19	74	31	54	e260	182	51	46	101	63	e40	12	6.5
20	e88	34	49	e205	166	49	44	320	55	e67	10	18
21	e40	32	e45	e152	172	45	52	192	49	e720	9.3	13
22	e20	31	e42	e135	157	45	869	141	45	354	8.3	9.2
23	20	30	e42	e120	141	59	1,170	118	41	131	7.5	7.4
24	31	86	e41	e100	133	52	563	96	38	67	6.9	10
25	30	380	e40	e93	122	60	332	83	35	44	6.7	20
26	23	199	e39	e92	112	83	260	76	33	35	6.8	295
27	21	166	39	e86	102	82	302	71	31	128	8.0	153
28	19	330	39	e82	108	77	223	67	30	91	9.4	75
29	24	188	44	e79	---	67	183	62	29	52	7.4	88
30	36	149	63	e86	---	60	160	59	27	35	9.6	80
31	30	---	214	e76	---	70	---	55	---	28	17	---
TOTAL	713.9	2,511	4,187	45,378	5,902	2,029	5,270	3,605	2,955	2,259	389.9	889.0
MEAN	23.0	83.7	135	1,464	211	65.5	176	116	98.5	72.9	12.6	29.6
MAX	88	380	563	7,300	610	102	1,170	339	700	720	23	295
MIN	5.6	21	39	76	68	45	44	55	27	11	6.7	4.7
CFSM	0.18	0.64	1.03	11.2	1.61	0.50	1.34	0.89	0.75	0.56	0.10	0.23
IN.	0.20	0.71	1.19	12.89	1.68	0.58	1.50	1.02	0.84	0.64	0.11	0.25

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2005, BY WATER YEAR (WY)

MEAN	65.0	114	202	490	165	232	188	320	133	157	30.3	169
MAX	152	199	315	1,464	239	363	406	688	207	363	42.8	612
(WY)	(2004)	(2004)	(2002)	(2005)	(2002)	(2002)	(2002)	(2002)	(2002)	(2003)	(2003)	(2003)
MIN	20.2	71.1	92.7	47.4	96.4	65.5	67.4	111	50.5	48.5	12.6	7.44
(WY)	(2003)	(2003)	(2003)	(2002)	(2004)	(2005)	(2003)	(2004)	(2003)	(2002)	(2005)	(2004)

SUMMARY STATISTICS

FOR 2004 CALENDAR YEAR

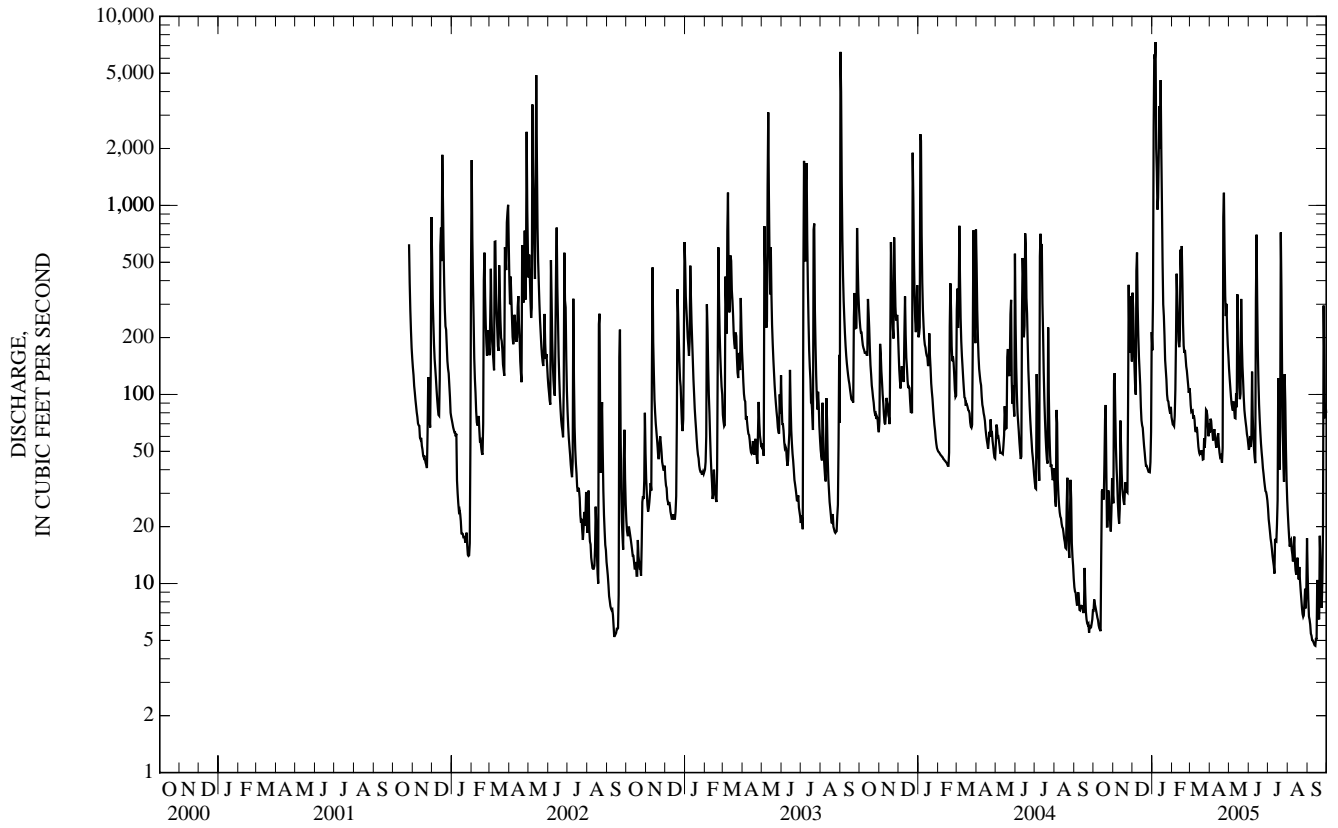
FOR 2005 WATER YEAR

WATER YEARS 2002 - 2005

ANNUAL TOTAL	43,823.2	76,088.8	
ANNUAL MEAN	120	208	182
HIGHEST ANNUAL MEAN			208
LOWEST ANNUAL MEAN			151
HIGHEST DAILY MEAN	2,380	Jan 4	e 7,300
LOWEST DAILY MEAN	5.5	Sep 24	4.7
ANNUAL SEVEN-DAY MINIMUM	5.9	Sep 22	4.9
MAXIMUM PEAK FLOW			unknown
MAXIMUM PEAK STAGE			unknown
ANNUAL RUNOFF (CFSM)	0.914		1.59
ANNUAL RUNOFF (INCHES)	12.44		21.61
10 PERCENT EXCEEDS	272		320
50 PERCENT EXCEEDS	59		60
90 PERCENT EXCEEDS	8.7		8.5
			15

e Estimated

03357330 BIG WALNUT CREEK NEAR ROACHDALE, IN—Continued



03357350 PLUM CREEK NEAR BAINBRIDGE, IN

LOCATION.--Lat 39°45'42", long 86°43'46", in SW¹/₄SE¹/₄ sec.3, T.15 N., R.3 W., Putnam County, Hydrologic Unit 05120203, (NORTH SALEM, IN quadrangle), on right upstream wingwall of bridge on U.S. Highway 36, 0.5 mi west of Groveland, and 4.5 mi east of Bainbridge.

DRAINAGE AREA.--3.00 mi².

PERIOD OF RECORD.--July 1969 to current year.

GAGE.--Water-stage recorder. Datum of gage is 828.44 ft above National Geodetic Vertical Datum of 1929 (Indiana Department of Highways bench mark).

REMARKS.--Records fair except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.15	0.54	15	6.0	e1.0	2.0	1.2	2.3	0.85	0.38	0.54	0.33
2	0.17	5.8	9.1	14	e1.1	1.7	1.7	1.9	0.92	0.32	0.48	0.30
3	0.16	4.2	6.4	207	e1.1	1.6	1.4	1.7	1.1	0.30	0.42	0.29
4	0.15	2.6	5.0	32	e1.2	1.7	1.4	1.5	0.91	0.28	0.39	0.28
5	0.15	1.6	4.0	152	1.4	1.5	1.2	1.4	0.78	0.28	0.42	0.28
6	0.15	1.4	3.9	40	1.7	1.4	1.2	1.3	0.78	0.28	0.48	0.28
7	0.12	1.1	35	11	6.0	1.6	1.3	1.2	0.65	0.28	0.41	0.27
8	0.12	0.89	14	8.2	9.0	1.3	1.2	1.1	0.60	0.28	0.36	0.26
9	0.12	0.84	8.5	7.7	7.3	1.2	1.1	1.0	0.58	0.27	0.37	0.26
10	0.11	0.80	6.5	11	5.8	1.2	1.0	0.99	0.54	0.27	0.37	0.25
11	0.12	1.4	5.3	42	4.8	1.3	1.0	52	0.54	0.28	0.38	0.24
12	0.14	3.0	4.6	24	4.7	1.2	1.1	23	4.5	0.33	0.34	0.23
13	0.21	1.5	3.5	65	6.8	1.1	1.1	11	13	0.31	0.34	0.22
14	0.18	1.2	2.5	17	19	0.98	0.92	17	5.4	0.33	0.34	0.26
15	0.20	1.0	2.2	8.2	9.2	0.96	0.86	8.7	2.7	0.36	0.38	0.27
16	0.18	0.99	2.1	6.2	17	0.97	0.84	5.8	1.6	0.36	0.32	0.31
17	0.17	0.93	1.8	4.9	8.1	0.97	0.84	4.6	1.2	0.47	0.31	0.26
18	1.4	0.90	1.8	4.4	5.7	0.95	0.83	3.5	1.0	0.35	0.31	0.24
19	2.0	1.2	1.5	4.2	4.6	0.96	0.80	5.4	0.89	0.34	0.40	0.31
20	0.65	1.2	1.4	3.5	4.8	0.92	0.81	12	0.80	0.34	0.35	0.46
21	0.40	0.99	1.4	2.7	4.8	0.88	1.7	5.9	0.72	18	0.35	0.33
22	0.31	1.00	1.1	e2.1	4.2	0.96	9.2	4.5	0.63	10	0.37	0.31
23	0.35	1.0	e1.0	e1.7	3.7	1.4	16	3.4	0.57	3.3	0.35	0.31
24	0.68	7.9	e0.98	e1.5	3.3	1.1	7.9	2.3	0.53	1.4	0.34	0.31
25	0.47	12	e0.96	e1.4	2.7	1.4	5.3	1.8	0.50	1.0	0.34	1.3
26	0.36	6.7	e0.94	e1.3	2.3	1.6	5.5	1.6	0.47	0.93	0.36	7.9
27	0.36	11	e0.92	e1.2	2.2	1.5	5.5	1.4	0.45	1.3	0.41	1.6
28	0.37	13	e1.0	e1.1	2.5	1.4	4.3	1.2	0.44	0.93	0.38	0.64
29	0.46	7.2	e1.2	e1.1	---	1.2	3.7	1.1	0.45	0.77	0.38	1.8
30	0.66	6.6	e3.7	e1.0	---	1.2	3.0	1.0	0.47	0.68	0.49	0.82
31	0.63	---	6.6	e1.0	---	1.4	---	0.92	---	0.60	0.39	---
TOTAL	11.70	100.48	153.90	684.4	146.0	39.55	83.90	182.51	44.57	45.32	11.87	20.92
MEAN	0.38	3.35	4.96	22.1	5.21	1.28	2.80	5.89	1.49	1.46	0.38	0.70
MAX	2.0	13	35	207	19	2.0	16	52	13	18	0.54	7.9
MIN	0.11	0.54	0.92	1.0	1.0	0.88	0.80	0.92	0.44	0.27	0.31	0.22
CFSM	0.13	1.12	1.65	7.36	1.74	0.43	0.93	1.96	0.50	0.49	0.13	0.23
IN.	0.15	1.25	1.91	8.49	1.81	0.49	1.04	2.26	0.55	0.56	0.15	0.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1969 - 2005, BY WATER YEAR (WY)

MEAN	1.41	3.60	4.57	4.33	5.46	6.30	5.28	4.38	2.78	2.41	1.05	1.30
MAX	12.5	20.6	18.4	22.1	17.1	19.1	12.7	16.7	13.7	14.1	7.90	12.8
(WY)	(2002)	(1986)	(1991)	(2005)	(1971)	(1978)	(1996)	(2002)	(1998)	(2003)	(1979)	(1989)
MIN	0.00	0.00	0.00	0.00	0.55	1.28	0.92	0.14	0.01	0.02	0.00	0.00
(WY)	(1997)	(1998)	(1998)	(1977)	(1998)	(2005)	(1971)	(1976)	(1988)	(1988)	(1991)	(1988)

SUMMARY STATISTICS

FOR 2004 CALENDAR YEAR

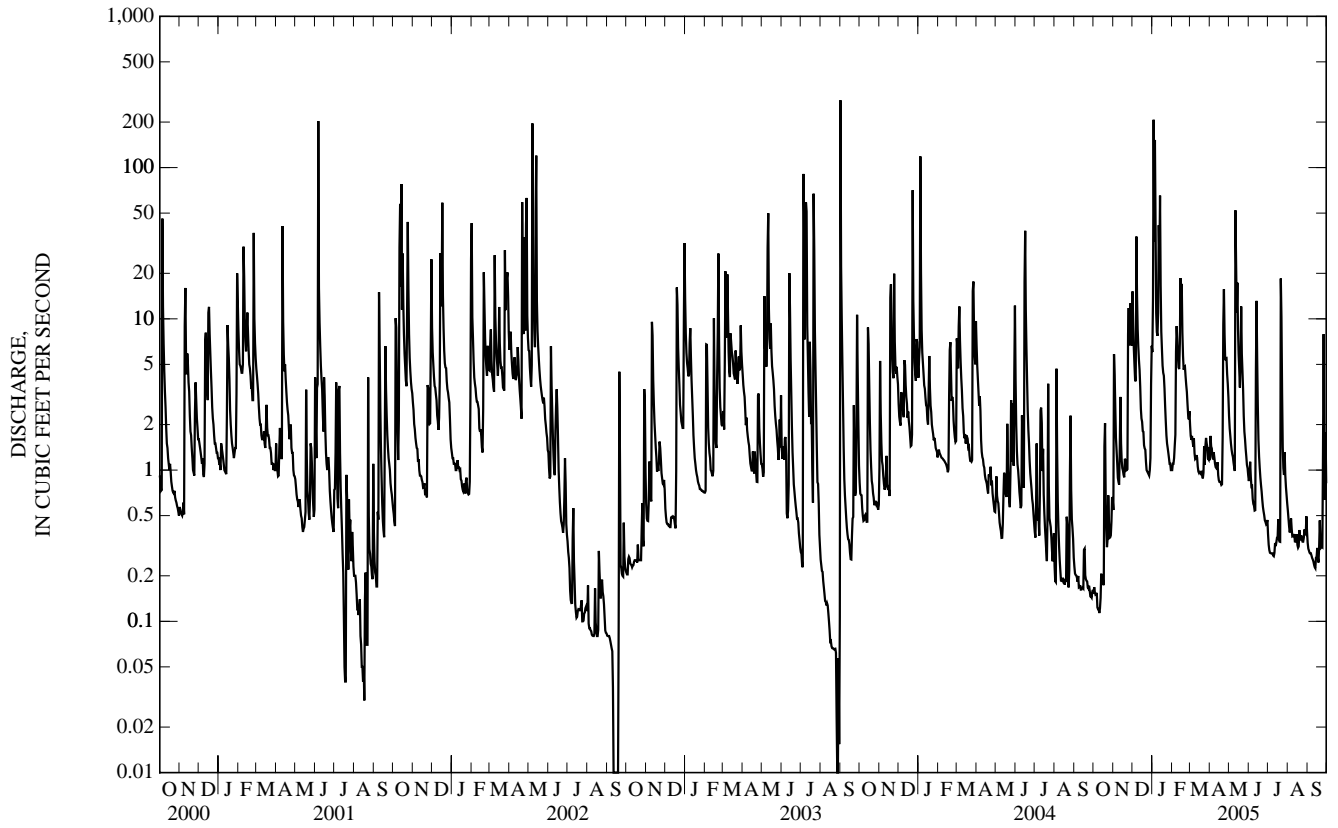
FOR 2005 WATER YEAR

WATER YEARS 1969 - 2005

ANNUAL TOTAL	947.82	1,525.12	
ANNUAL MEAN	2.59	4.18	3.56
HIGHEST ANNUAL MEAN			5.83
LOWEST ANNUAL MEAN			1.49
HIGHEST DAILY MEAN	119	Jan 4	207
LOWEST DAILY MEAN	0.11	Oct 10	0.11
ANNUAL SEVEN-DAY MINIMUM	0.13	Oct 6	0.13
MAXIMUM PEAK FLOW			552
MAXIMUM PEAK STAGE			4.99
ANNUAL RUNOFF (CFSM)	0.863		1.39
ANNUAL RUNOFF (INCHES)	11.75		18.91
10 PERCENT EXCEEDS	6.1		8.1
50 PERCENT EXCEEDS	1.0		1.1
90 PERCENT EXCEEDS	0.18		0.28

e Estimated

03357350 PLUM CREEK NEAR BAINBRIDGE, IN—Continued



03358000 MILL CREEK NEAR CATARACT, IN

LOCATION.--Lat 39°26'00", long 86°45'48", in NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.32, T.12 N., R.3 W., Owen County, Hydrologic Unit 05120203, (CATARACT, IN quadrangle), on right bank at downstream side of bridge on U.S. Highway 231, 3 mi east of Cataract, 5.7 mi south of Cloverdale, and at mile 17.5.

DRAINAGE AREA.--245 mi².

PERIOD OF RECORD.--July 1949 to current year.

REVISED RECORDS.--WSP 1505: 1956(P). WSP 2109: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 706.40 ft above National Geodetic Vertical Datum of 1929. Prior to Nov. 8, 1949, nonrecording gage, and Nov. 8, 1949, to Sept. 22, 1968, water-stage recorder at site 100 ft upstream at same datum.

REMARKS.--Records good except for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum instantaneous gage height may have occurred Dec. 30, 1990, during period of no gage height record.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.0	36	1,020	549	115	212	131	229	103	38	16	167
2	5.4	1,090	730	606	110	170	149	188	98	33	14	68
3	5.4	1,230	467	2,520	109	150	142	162	105	29	13	38
4	5.4	538	357	4,480	107	153	118	140	102	27	12	25
5	5.3	330	289	6,150	110	155	109	123	87	26	12	19
6	5.4	225	260	8,360	120	134	100	115	81	24	17	15
7	5.6	171	893	7,000	263	141	107	111	73	22	14	12
8	5.5	120	1,340	3,580	816	136	140	102	67	22	12	11
9	5.7	89	609	1,580	601	111	106	91	63	20	11	11
10	6.3	78	456	1,430	545	107	94	87	62	19	11	9.9
11	6.0	96	368	1,400	364	115	87	79	86	18	11	8.9
12	6.8	376	313	2,640	309	114	89	726	282	23	12	8.3
13	11	263	269	3,050	312	100	142	654	2,070	26	12	7.6
14	14	166	204	4,160	1,510	86	193	2,320	1,360	26	13	7.4
15	18	130	172	2,770	1,220	81	125	1,790	556	26	16	8.5
16	16	114	167	893	913	78	101	681	295	52	13	8.1
17	14	103	158	474	703	80	91	397	203	300	12	7.8
18	29	93	147	e330	441	79	87	297	155	90	11	7.8
19	123	130	142	e290	343	78	79	826	124	70	414	8.7
20	73	194	e102	e240	314	80	73	3,120	104	40	124	548
21	32	160	e100	e210	405	71	89	2,590	91	40	40	204
22	20	133	e98	e180	340	70	130	951	81	590	26	78
23	31	132	e96	e160	283	149	1,410	486	70	177	23	43
24	488	446	e94	e150	260	207	733	302	63	71	15	67
25	206	1,780	e93	e140	238	146	405	235	57	45	11	192
26	94	735	e92	e130	216	149	348	197	51	34	23	2,320
27	71	540	e91	e120	191	138	546	172	47	55	34	894
28	75	1,240	e90	e114	202	247	362	151	44	48	23	352
29	62	596	e110	e134	---	272	285	134	42	29	18	273
30	53	440	406	132	---	182	277	128	40	22	167	195
31	44	---	1,080	124	---	158	---	123	---	18	753	---
TOTAL	1,541.8	11,774	10,813	54,096	11,460	4,149	6,848	17,707	6,662	2,060	1,903	5,615.0
MEAN	49.7	392	349	1,745	409	134	228	571	222	66.5	61.4	187
MAX	488	1,780	1,340	8,360	1,510	272	1,410	3,120	2,070	590	753	2,320
MIN	5.0	36	90	114	107	70	73	79	40	18	11	7.4
CFSM	0.20	1.60	1.42	7.12	1.67	0.55	0.93	2.33	0.91	0.27	0.25	0.76
IN.	0.23	1.79	1.64	8.21	1.74	0.63	1.04	2.69	1.01	0.31	0.29	0.85

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 2005, BY WATER YEAR (WY)

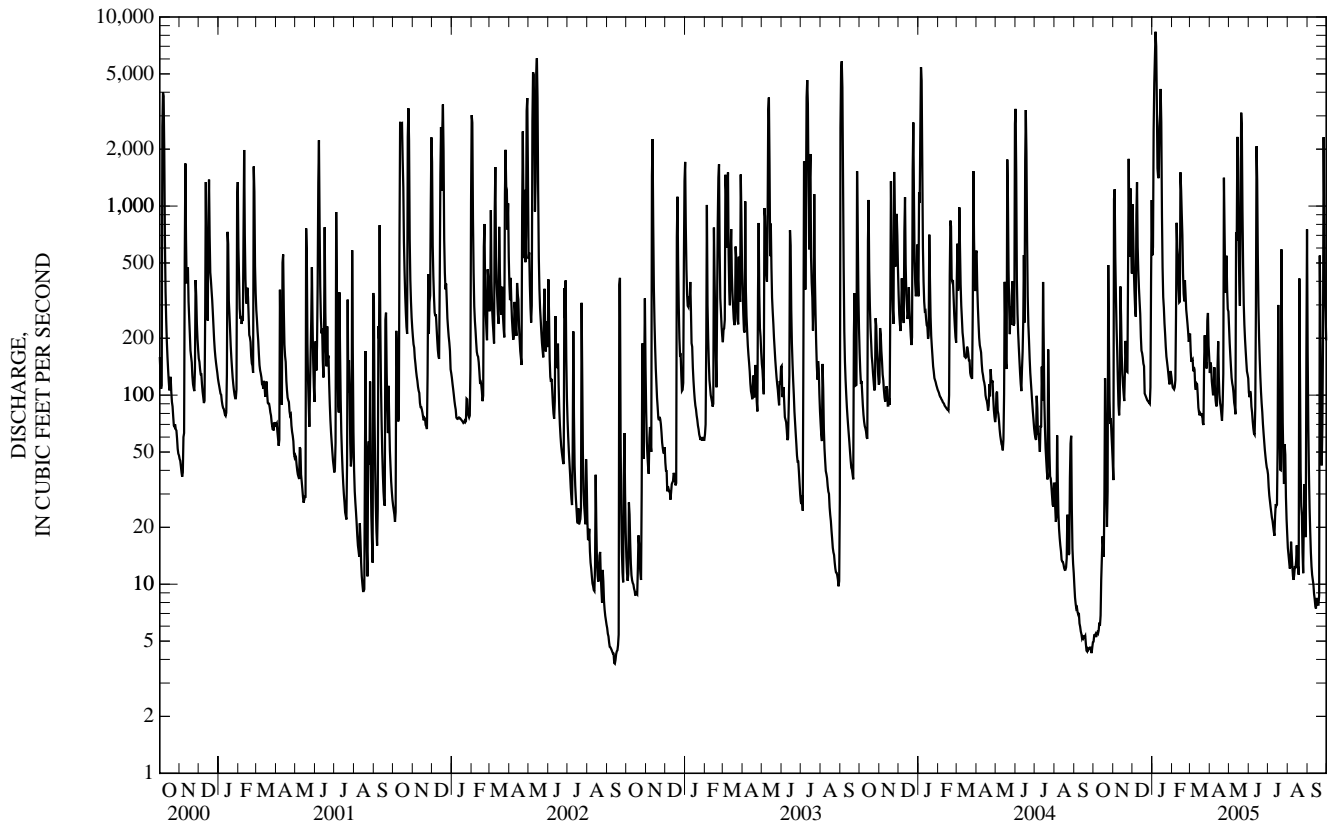
MEAN	82.0	233	312	374	405	484	412	355	246	189	100	94.5
MAX	878	1,576	1,135	2,214	1,088	1,425	1,064	1,522	1,120	1,694	1,092	918
(WY)	(2002)	(1994)	(1958)	(1950)	(1971)	(1963)	(1964)	(1981)	(1957)	(1979)	(1993)	(1989)
MIN	2.88	4.19	4.05	6.55	41.1	108	74.5	35.1	11.2	6.84	3.72	0.91
(WY)	(1965)	(2000)	(1964)	(1977)	(1954)	(1994)	(1971)	(1954)	(1988)	(1954)	(1954)	(1954)

WABASH RIVER BASIN

03358000 MILL CREEK NEAR CATARACT, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1950 - 2005	
ANNUAL TOTAL	99,042.7		134,628.8		273	
ANNUAL MEAN	271		369		528	
HIGHEST ANNUAL MEAN					1979	
LOWEST ANNUAL MEAN					1954	
HIGHEST DAILY MEAN	5,430	Jan 5	8,360	Jan 6	11,500	Dec 30, 1990
LOWEST DAILY MEAN	4.3	Sep 28	5.0	Oct 1	0.10	Sep 7, 1954
ANNUAL SEVEN-DAY MINIMUM	4.5	Sep 22	5.4	Oct 1	0.20	Sep 2, 1954
MAXIMUM PEAK FLOW			8,650	Jan 6	12,200	Dec 30, 1990
MAXIMUM PEAK STAGE			20.73	Jan 6	22.58	Jun 24, 1960
ANNUAL RUNOFF (CFSM)	1.10		1.51		1.12	
ANNUAL RUNOFF (INCHES)	15.04		20.44		15.16	
10 PERCENT EXCEEDS	586		820		591	
50 PERCENT EXCEEDS	110		118		85	
90 PERCENT EXCEEDS	7.1		12		8.0	

e Estimated



03359000 MILL CREEK NEAR MANHATTAN, IN—Continued

WATER-QUALITY RECORDS

INSTRUMENTATION.--Temperature recorder.

PERIOD OF RECORD.--

WATER TEMPERATURE.--May 1993 to February 1996, July 1999 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 30.1°C, July 31, 1999; minimum, 1.1°C, Feb. 1-10, 12-14, 1994 and Dec. 10, 1995.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 29.5°C, Aug. 12, minimum, 3.1°C, Dec. 27.

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.7	20.8	21.7	16.7	16.0	16.3	9.9	9.4	9.6	4.3	4.1	4.2
2	22.2	21.3	21.9	16.7	15.8	16.2	9.5	9.3	9.4	4.4	4.2	4.3
3	21.9	20.6	21.2	15.9	15.7	15.8	9.3	9.0	9.2	5.5	4.3	5.0
4	21.7	20.5	21.0	15.7	15.4	15.6	9.0	8.8	8.9	5.2	4.5	4.6
5	20.9	19.8	20.3	15.4	15.1	15.2	8.9	8.7	8.8	5.7	4.6	5.1
6	21.1	19.8	20.3	15.1	14.9	15.0	8.9	8.7	8.8	4.8	4.2	4.5
7	21.0	19.8	20.3	15.0	14.4	14.8	9.1	8.8	8.9	5.9	4.3	4.9
8	20.8	20.3	20.6	14.4	14.0	14.3	9.0	8.7	8.8	5.9	4.6	4.8
9	21.1	20.2	20.6	14.1	13.7	13.9	8.9	8.7	8.8	5.9	4.8	5.5
10	20.3	19.5	19.9	14.0	13.6	13.7	8.8	8.3	8.6	5.5	4.8	5.0
11	19.9	19.2	19.5	13.7	13.3	13.6	8.3	8.2	8.2	5.6	5.2	5.4
12	19.6	18.9	19.1	13.3	12.9	13.2	8.2	8.1	8.1	6.9	5.4	6.3
13	19.0	18.8	18.9	12.9	12.5	12.7	8.1	7.6	7.9	7.8	5.7	6.9
14	18.8	18.3	18.6	12.6	12.1	12.4	7.6	7.0	7.3	5.8	5.5	5.6
15	18.3	17.6	17.8	12.3	11.9	12.1	7.0	6.6	6.8	5.8	5.4	5.6
16	17.7	17.1	17.4	12.1	11.8	11.9	6.6	6.2	6.4	5.6	5.1	5.4
17	17.5	16.6	17.0	12.0	11.7	11.8	6.4	5.9	6.1	5.6	5.1	5.3
18	16.8	15.7	16.2	11.8	11.4	11.6	6.1	5.9	6.0	5.4	5.2	5.3
19	16.3	15.7	16.0	11.8	11.5	11.6	5.9	5.2	5.6	5.3	5.2	5.3
20	16.3	16.1	16.2	11.7	11.0	11.3	5.2	4.9	5.0	5.2	5.0	5.2
21	16.6	16.0	16.2	11.4	10.9	11.2	5.0	4.6	4.9	5.0	4.7	4.8
22	16.5	16.2	16.3	11.7	11.1	11.3	4.6	4.0	4.4	4.9	4.7	4.8
23	16.5	16.1	16.3	11.7	11.1	11.3	4.3	3.4	3.9	4.8	4.5	4.6
24	16.2	15.6	15.9	11.7	10.7	11.4	3.8	3.4	3.6	4.6	4.3	4.5
25	16.3	15.6	15.9	10.8	10.5	10.7	3.5	3.2	3.3	4.4	4.3	4.3
26	16.5	16.0	16.2	10.8	10.6	10.7	3.6	3.3	3.4	4.4	4.3	4.3
27	16.4	15.7	16.1	10.8	10.4	10.6	3.6	3.1	3.3	4.3	4.0	4.1
28	16.1	15.7	15.9	10.4	10.1	10.3	3.7	3.3	3.5	4.0	3.8	3.9
29	16.9	15.8	16.3	10.1	10.0	10.1	3.7	3.5	3.6	4.0	3.8	3.8
30	17.0	16.2	16.7	10.0	9.9	10.0	3.8	3.5	3.6	3.9	3.7	3.8
31	16.5	15.9	16.2	---	---	---	4.3	3.7	4.0	4.0	3.7	3.9
MONTH	22.7	15.6	18.1	16.7	9.9	12.7	9.9	3.1	6.4	7.8	3.7	4.9

03360000 EEL RIVER AT BOWLING GREEN, IN

LOCATION.--Lat 39°22'58", long 87°01'14", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.24, T.11 N., R.6 W., Clay County, Hydrologic Unit 05120203.(CENTER POINT, IN quadrangle), on left bank 500 ft downstream from bridge on State Highway 46 at Bowling Green, 0.2 mi downstream from Jordan Creek, 15 mi northwest of Spencer, and at mile 38.4.

DRAINAGE AREA.--830 mi².

PERIOD OF RECORD.--January 1931 to current year. Prior to October 1934, published as "near Centerpoint".

REVISED RECORDS.--WSP 893: 1935, 1937-39. WSP 973: 1937-38, 1939(M). WSP 1335: 1931(M). WSP 2109: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 548.02 ft above National Geodetic Vertical Datum of 1929, (levels by U.S. Army Corps of Engineers). See WSP 1725 for history of changes prior to Dec. 1, 1949.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Cagles Mill Lake

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage, about 30.0 ft in 1875, present datum, from information by U.S. Army Corps of Engineers.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	84	277	1,860	840	1,960	2,090	571	774	1,550	281	154	817
2	97	1,640	1,860	975	2,140	2,030	554	968	1,520	244	141	707
3	101	1,260	1,560	4,550	2,110	1,970	480	1,260	1,400	209	130	271
4	101	1,030	1,630	10,400	2,100	1,650	458	1,110	1,050	188	122	165
5	100	940	1,480	15,000	2,090	1,890	437	521	785	179	117	144
6	100	1,140	1,400	17,800	2,090	1,890	421	470	490	172	127	132
7	100	1,080	2,180	11,200	2,330	1,860	441	450	418	164	132	125
8	99	950	3,130	5,120	2,900	1,840	468	434	387	158	119	112
9	99	614	2,110	2,850	2,980	1,790	494	415	312	151	113	105
10	99	436	1,800	2,690	2,810	1,740	451	405	289	145	110	100
11	100	475	1,740	2,850	2,560	1,730	342	388	275	141	110	95
12	99	702	1,590	5,850	2,410	1,710	357	1,140	487	144	107	95
13	111	580	1,640	7,090	2,390	1,670	591	1,450	3,940	155	120	93
14	118	535	1,530	9,550	3,390	1,620	829	1,560	2,800	155	e160	92
15	135	489	1,340	5,590	2,830	1,590	495	1,690	1,360	152	e146	91
16	137	465	1,010	2,470	2,510	1,550	424	1,060	1,080	153	e120	91
17	132	449	661	1,830	2,690	1,530	398	1,160	1,410	298	117	92
18	267	439	600	1,550	2,000	1,500	383	1,410	1,310	314	110	90
19	567	510	576	1,820	1,620	1,480	368	1,380	1,230	599	689	93
20	317	537	481	1,720	1,500	1,340	358	4,840	1,170	564	552	395
21	366	502	449	1,590	1,880	986	374	2,290	1,120	539	417	319
22	357	477	457	1,480	1,890	817	450	1,390	863	1,320	643	333
23	410	469	399	1,510	2,120	661	2,510	1,390	661	1,170	355	307
24	648	771	e330	1,900	2,250	740	2,310	1,390	597	862	167	281
25	438	1,940	e300	1,900	2,220	537	1,370	1,290	436	538	137	149
26	630	1,470	e300	1,900	2,160	552	1,080	1,590	398	387	207	2,110
27	642	1,490	e350	1,910	2,100	562	1,190	1,620	317	266	236	1,030
28	377	2,420	e500	1,970	2,090	654	1,020	1,720	305	243	250	624
29	303	1,710	626	1,960	---	616	850	1,660	288	252	231	919
30	416	1,280	645	1,970	---	579	811	1,640	314	217	165	1,190
31	386	---	931	1,950	---	725	---	1,610	---	177	605	---
TOTAL	7,936	27,077	35,465	131,785	64,120	41,899	21,285	40,475	28,562	10,537	6,909	11,167
MEAN	256	903	1,144	4,251	2,290	1,352	710	1,306	952	340	223	372
MAX	648	2,420	3,130	17,800	3,390	2,090	2,510	4,840	3,940	1,320	689	2,110
MIN	84	277	300	840	1,500	537	342	388	275	141	107	90
CFSM	0.31	1.09	1.38	5.12	2.76	1.63	0.85	1.57	1.15	0.41	0.27	0.45
IN.	0.36	1.21	1.59	5.91	2.87	1.88	0.95	1.81	1.28	0.47	0.31	0.50

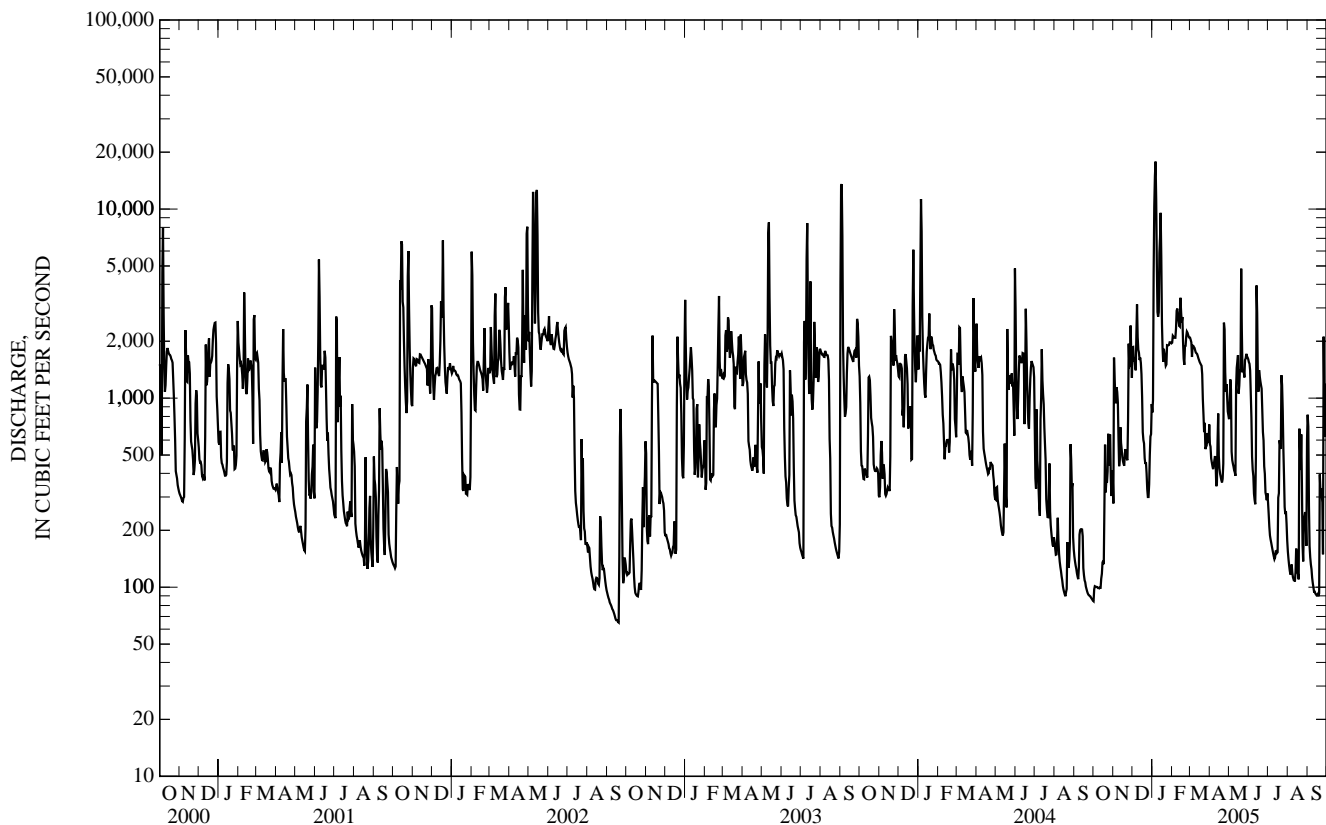
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1931 - 2005, BY WATER YEAR (WY)

MEAN	305	598	905	1,270	1,308	1,540	1,575	1,245	897	606	325	328
MAX	1,838	3,076	2,960	7,212	3,249	3,843	4,120	5,090	4,077	2,746	2,656	2,682
(WY)	(2002)	(1986)	(1991)	(1950)	(1950)	(1938)	(1944)	(1943)	(1957)	(1987)	(1979)	(2003)
MIN	22.5	29.7	29.0	27.5	107	125	285	129	66.9	39.4	24.1	13.9
(WY)	(1941)	(1965)	(1964)	(1977)	(1934)	(1941)	(1971)	(1934)	(1988)	(1954)	(1936)	(1954)

03360000 EEL RIVER AT BOWLING GREEN, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1931 - 2005	
ANNUAL TOTAL	329,176		427,217			
ANNUAL MEAN	899		1,170		909	
HIGHEST ANNUAL MEAN					1,551	1950
LOWEST ANNUAL MEAN					161	1954
HIGHEST DAILY MEAN	11,300	Jan 5	17,800	Jan 6	28,700	Jun 29, 1957
LOWEST DAILY MEAN	84	Oct 1	84	Oct 1	11	Oct 7, 1954
ANNUAL SEVEN-DAY MINIMUM	87	Sep 25	92	Sep 13	12	Oct 2, 1954
MAXIMUM PEAK FLOW			20,000	Jan 6	34,000	Jan 4, 1950
MAXIMUM PEAK STAGE			21.58	Jan 6	23.53	Jan 4, 1950
ANNUAL RUNOFF (CFSM)	1.08		1.41		1.10	
ANNUAL RUNOFF (INCHES)	14.75		19.15		14.89	
10 PERCENT EXCEEDS	1,800		2,170		2,180	
50 PERCENT EXCEEDS	584		626		380	
90 PERCENT EXCEEDS	113		121		58	

e Estimated



03360500 WHITE RIVER AT NEWBERRY, IN

LOCATION.--Lat 38°55'39", long 87°00'41", in NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.30, T.6 N., R.5 W., Greene County, Hydrologic Unit 05120202, (LYONS, IN quadrangle), on left bank, 0.4 mi upstream from bridge on State Highway 57 at Newberry, 2.0 mi downstream from Doans Creek, and at mile 112.4.

DRAINAGE AREA.--4,688 mi².

PERIOD OF RECORD.--September 1928 to current year. Prior to October 1948, published as West Fork White River at Newberry.

REVISED RECORDS.--WSP 873: 1937(M). WSP 2109: Drainage area. WDR IN-02-1: 1998, 1999 (P).

GAGE.--Water-stage recorder. Datum of gage is 465.59 ft above National Geodetic Vertical Datum of 1929. Nonrecording gage prior to Oct. 21, 1928. Prior to Aug. 5, 1982, recording gage 0.3 mi downstream at same datum.

REMARKS.--Records good except for estimated daily discharges, which are fair. Flow regulated by upstream reservoirs.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1875, 27.5 ft Mar. 27, 1913, from floodmarks by Indiana Department of Highways, discharge, 130,000 ft³/s.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	948	1,830	e8,300	8,320	6,500	6,670	4,930	8,040	3,760	2,510	2,370	7,970
2	960	4,400	9,250	7,790	6,300	6,600	4,700	6,780	3,610	2,760	2,070	5,980
3	950	9,200	8,410	13,600	6,220	6,400	4,490	6,090	3,480	2,540	1,860	3,900
4	944	8,300	7,220	23,200	6,060	6,120	4,150	5,720	3,390	2,320	1,680	3,210
5	940	5,670	6,680	31,800	5,880	5,690	3,860	5,150	3,100	2,390	1,540	2,520
6	924	4,310	5,940	56,900	5,770	5,400	3,700	4,370	2,840	2,160	1,450	2,070
7	915	3,820	6,300	75,000	5,900	5,380	3,630	3,930	2,530	1,930	1,450	1,790
8	914	3,320	9,070	83,700	7,740	5,310	3,560	3,670	2,350	1,770	1,440	1,600
9	915	2,930	9,900	79,700	9,340	5,220	3,670	3,440	2,300	1,640	1,380	1,470
10	905	2,460	9,150	67,000	11,700	5,140	3,740	3,320	2,170	1,540	1,350	1,360
11	896	2,210	8,620	52,400	13,500	4,970	3,570	3,180	2,040	1,470	1,410	1,290
12	895	2,960	7,600	40,400	13,800	4,820	3,410	3,130	2,250	1,440	1,500	1,250
13	913	3,460	6,680	33,200	12,400	4,690	6,790	3,730	9,080	1,430	1,440	1,200
14	920	3,080	6,210	36,400	13,200	4,560	5,700	5,670	13,400	1,500	1,380	1,160
15	974	2,640	5,820	42,000	15,300	4,470	4,580	10,800	14,500	1,550	1,570	1,130
16	1,150	2,320	5,190	50,600	16,600	4,340	3,970	11,700	11,500	1,500	1,820	1,110
17	1,220	2,150	4,480	48,900	16,600	4,180	3,480	7,880	7,250	1,470	1,900	1,070
18	1,960	2,050	3,870	41,200	16,900	4,070	3,160	6,050	5,690	2,550	1,600	1,410
19	4,940	e2,300	3,470	33,400	16,500	3,990	2,970	5,570	4,750	3,750	1,440	1,540
20	3,610	2,780	3,210	25,400	13,900	3,900	2,820	9,540	4,120	3,130	1,940	2,000
21	2,640	2,720	3,000	16,600	10,800	3,800	2,680	14,600	3,710	2,880	2,470	2,760
22	2,050	2,460	2,850	12,100	9,630	3,520	2,690	13,500	3,400	3,900	1,870	3,340
23	1,920	2,260	2,720	10,300	8,650	3,510	3,300	10,900	3,040	4,810	1,700	2,570
24	2,720	2,260	2,510	9,110	8,280	3,720	8,780	8,370	2,660	6,560	1,670	2,210
25	3,380	5,330	2,370	8,630	7,900	4,100	13,000	6,240	2,470	5,730	1,380	2,590
26	3,000	7,570	2,410	8,170	7,470	3,700	14,000	5,160	2,240	3,910	1,230	4,580
27	3,040	6,890	2,460	7,790	7,100	3,640	14,500	4,750	2,080	3,070	1,220	8,120
28	2,840	8,560	2,390	7,370	6,790	4,900	13,400	4,460	1,950	2,620	1,540	9,270
29	2,360	9,420	2,400	7,060	---	5,970	11,200	4,260	1,860	2,870	1,550	7,840
30	2,060	e8,200	3,310	6,810	---	6,120	9,570	4,040	1,820	3,520	1,910	6,900
31	1,880	---	7,230	6,630	---	5,470	---	3,880	---	2,910	6,340	---
TOTAL	54,683	127,860	169,020	951,480	286,730	150,370	174,000	197,920	129,340	84,130	55,470	95,210
MEAN	1,764	4,262	5,452	30,690	10,240	4,851	5,800	6,385	4,311	2,714	1,789	3,174
MAX	4,940	9,420	9,900	83,700	16,900	6,670	14,500	14,600	14,500	6,560	6,340	9,270
MIN	895	1,830	2,370	6,630	5,770	3,510	2,680	3,130	1,820	1,430	1,220	1,070
CFSM	0.38	0.91	1.16	6.55	2.18	1.03	1.24	1.36	0.92	0.58	0.38	0.68
IN.	0.43	1.01	1.34	7.55	2.28	1.19	1.38	1.57	1.03	0.67	0.44	0.76

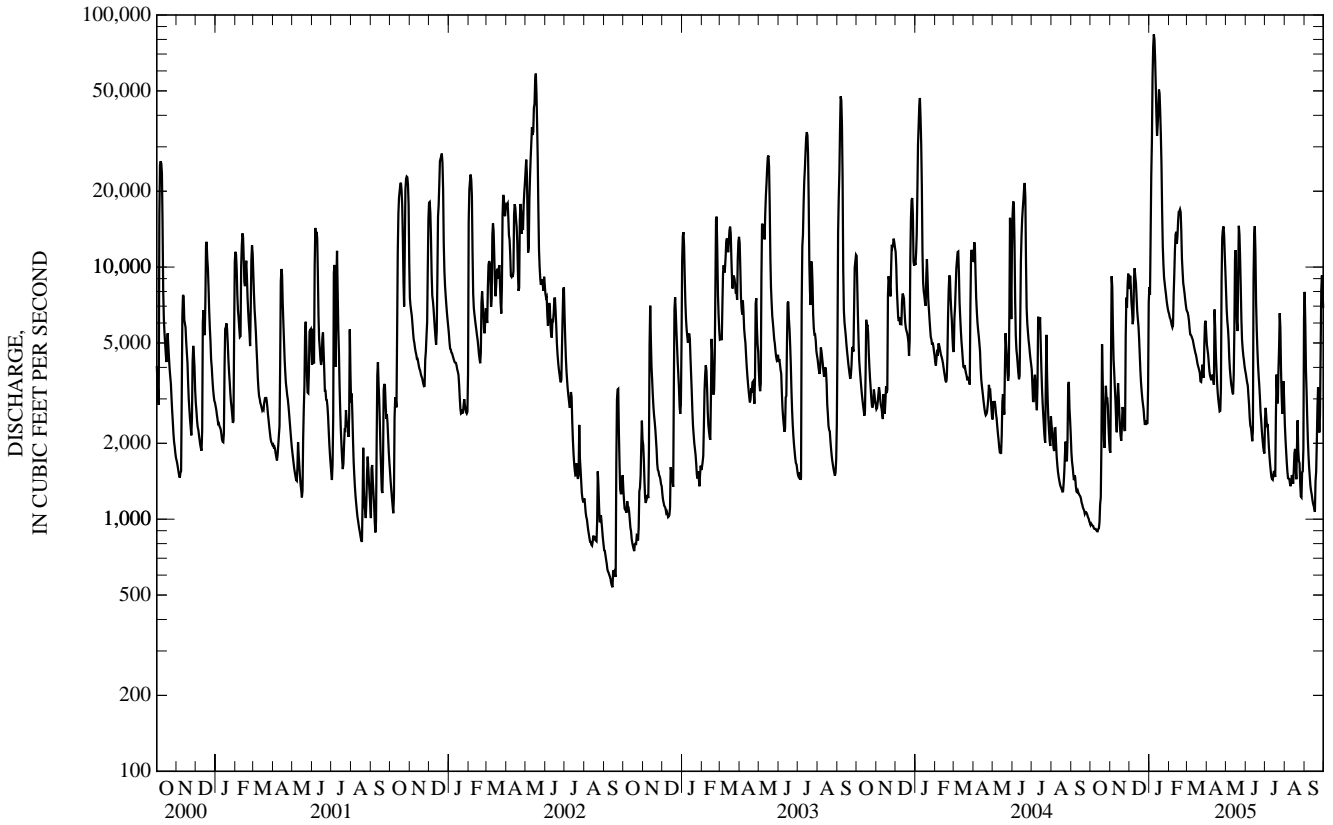
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2005, BY WATER YEAR (WY)

MEAN	1,663	3,112	4,658	7,084	6,983	8,559	8,739	7,063	4,769	3,350	1,967	1,753
MAX	11,310	24,180	16,780	36,920	21,870	19,150	20,340	25,090	19,350	13,270	15,900	13,510
(WY)	(2002)	(1994)	(1958)	(1950)	(1950)	(1963)	(1944)	(1943)	(1998)	(1979)	(1979)	(1989)
MIN	259	408	386	405	705	686	1,539	677	771	536	308	317
(WY)	(1941)	(1945)	(1945)	(1945)	(1931)	(1941)	(1941)	(1941)	(1988)	(1936)	(1941)	(1940)

03360500 WHITE RIVER AT NEWBERRY, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1929 - 2005	
ANNUAL TOTAL	1,917,769		2,476,213			
ANNUAL MEAN	5,240		6,784		4,964	
HIGHEST ANNUAL MEAN					8,752 1950	
LOWEST ANNUAL MEAN					958 1941	
HIGHEST DAILY MEAN	46,900	Jan 8	83,700	Jan 8	103,000	Nov 18, 1993
LOWEST DAILY MEAN	895	Oct 12	895	Oct 12	200	Oct 1, 1941
ANNUAL SEVEN-DAY MINIMUM	908	Oct 7	908	Oct 7	211	Sep 26, 1941
MAXIMUM PEAK FLOW			85,000		105,000	
MAXIMUM PEAK STAGE			26.89		26.89	
ANNUAL RUNOFF (CFSM)	1.12		1.45		1.06	
ANNUAL RUNOFF (INCHES)	15.22		19.65		14.39	
10 PERCENT EXCEEDS	10,500		12,600		11,600	
50 PERCENT EXCEEDS	3,580		3,740		2,610	
90 PERCENT EXCEEDS	1,280		1,440		641	

e Estimated



03361000 BIG BLUE RIVER AT CARTHAGE, IN

LOCATION.--Lat 39°44'38", long 85°34'33", in SW¹/₄SW¹/₄ sec.18, T.15 N., R.9 E., Rush County, Hydrologic Unit 05120204, (CARTHAGE, IN quadrangle), on right bank 300 ft upstream from highway bridge, 0.5 mi northwest of Carthage, 2.2 mi downstream from Three Mile Creek, and at mile 50.7.

DRAINAGE AREA.--184 mi².

PERIOD OF RECORD.--October 1950 to March 2004 (discharge). October 2004 to current year (gage height only). Prior to October 1961, published as Blue River at Carthage.

REVISED RECORDS.--WSP 2109: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 859.33 ft above National Geodetic Vertical Datum of 1929. Prior to July 19, 1951, nonrecording gage at site 300 ft downstream at same datum.

REMARKS.--Records good. Flow partly regulated by Big Blue River Conservancy District control structures on tributaries to Big Blue River beginning in 1969.

EXTREMES FOR PERIOD OF RECORD.--(October 2004 to current year) maximum gage height, 11.22 ft, Jan. 6, 2005; minimum gage height, 0.72 ft, Oct. 8, 9, 10, and 11, 2004. (October 1950 to March 2004) maximum discharge, 12,900 ft³/s, Mar. 4, 1963; gage height, 14.62 ft.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.22 ft, Jan. 6; minimum gage height, 0.72, Oct. 8, 9, 10, 11.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	0.87	1.86	2.77	1.47	1.58	1.35	1.70	1.15	1.25	0.91	1.23
2	---	2.06	1.65	2.58	1.44	1.50	1.53	1.58	1.18	1.10	0.89	1.03
3	---	1.55	1.45	7.68	1.43	1.47	1.44	1.51	1.15	1.03	0.88	0.95
4	---	1.40	1.32	5.87	1.42	1.48	1.36	1.44	1.12	1.00	0.86	0.91
5	---	1.23	1.23	10.88	1.48	1.48	1.31	1.39	1.10	0.98	0.93	0.88
6	---	1.13	1.23	9.08	1.81	1.47	1.28	1.35	1.07	0.95	0.91	0.87
7	---	1.06	2.83	5.59	3.67	1.47	1.37	1.32	1.04	0.94	0.87	0.86
8	0.74	1.01	2.07	4.75	3.43	1.38	1.27	1.28	1.05	0.91	0.86	0.85
9	0.72	0.96	1.82	4.35	3.12	1.34	1.23	1.27	1.03	0.89	0.84	0.83
10	0.72	0.95	1.74	3.47	2.47	1.34	1.23	1.25	2.42	0.87	0.88	0.82
11	0.73	1.15	1.82	7.54	2.13	1.34	1.21	1.56	1.56	0.87	0.86	0.79
12	0.80	1.25	1.66	7.77	1.97	1.33	1.22	1.76	1.63	0.95	0.87	0.80
13	0.90	1.12	1.44	8.79	2.06	1.28	1.19	1.61	2.56	0.99	0.83	0.78
14	0.86	1.05	1.33	5.45	3.92	1.25	1.14	4.55	1.74	0.94	0.84	0.84
15	0.84	1.02	1.26	3.71	2.75	1.23	1.12	2.57	1.45	1.15	0.91	1.25
16	0.79	0.99	1.22	3.21	3.33	1.22	1.11	2.04	1.32	3.15	0.88	2.12
17	0.79	0.97	1.17	2.83	2.47	1.21	1.11	1.79	1.23	1.74	0.86	1.42
18	1.09	0.97	1.16	2.63	2.12	1.21	1.10	1.61	1.16	1.40	0.85	1.18
19	0.92	1.05	1.10	2.45	1.93	1.22	1.08	2.67	1.11	1.20	0.83	1.16
20	0.87	1.04	1.09	2.33	1.93	1.19	1.08	2.08	1.07	1.31	0.83	1.32
21	0.85	0.99	1.07	2.14	1.87	1.18	1.17	1.75	1.05	1.35	0.81	1.14
22	0.83	1.02	1.14	2.05	1.76	1.22	2.75	1.75	1.02	1.70	0.79	1.06
23	0.94	0.98	1.51	1.87	1.68	1.24	5.44	1.55	0.99	1.31	0.78	1.02
24	0.96	1.73	1.31	1.86	1.65	1.19	3.25	1.45	0.98	1.17	0.75	0.99
25	0.90	2.02	1.30	1.82	1.61	1.33	2.58	1.38	0.96	1.09	0.74	1.33
26	0.93	1.54	1.19	1.73	1.55	1.39	3.62	1.33	0.94	1.03	0.79	2.72
27	0.91	1.46	1.15	1.63	1.54	1.34	2.67	1.30	1.02	1.08	0.76	1.82
28	0.87	1.75	1.16	1.59	1.66	1.80	2.23	1.26	1.29	1.01	0.75	1.48
29	0.87	1.47	1.09	1.60	---	1.55	2.03	1.21	1.42	0.97	0.75	1.34
30	0.85	1.44	1.67	1.56	---	1.44	1.85	1.21	1.17	0.94	2.79	1.23
31	0.84	---	4.01	1.50	---	1.40	---	1.16	---	0.92	1.76	---
MEAN	---	1.24	1.52	3.97	2.13	1.36	1.74	1.67	1.27	1.17	0.93	1.17
MAX	---	2.06	4.01	10.88	3.92	1.80	5.44	4.55	2.56	3.15	2.79	2.72
MIN	---	0.87	1.07	1.50	1.42	1.18	1.08	1.16	0.94	0.87	0.74	0.78

03361500 BIG BLUE RIVER AT SHELBYVILLE, IN

LOCATION.--Lat 39°31'45", long 85°46'55", in SE¹/₄SE¹/₄ sec.31, T.13 N., R.7 E., Shelby County, Hydrologic Unit 05120204, (SHELBYVILLE, IN quadrangle), on left bank 0.2 mi downstream from bridge on State Highway 9 in Shelbyville, 0.6 mi downstream from Little Blue River, and at mile 23.9.

DRAINAGE AREA.--421 mi².

PERIOD OF RECORD.--September 1943 to current year. Prior to October 1961, published as Blue River at Shelbyville.

REVISED RECORDS.--WSP 1505: 1944. WSP 1909: 1959(M). WSP 2109: Drainage area. WDR IN-79-1: 1975.

GAGE.--Water-stage recorder. Datum of gage is 737.67 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1953, nonrecording gage at bridge 0.2 mi upstream at datum 3.5 ft higher.

REMARKS.--Records good except for estimated daily discharges, which are poor.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in March 1913 reached a stage of about 20.2 ft from floodmarks.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	85	130	451	2,170	425	494	412	663	288	268	180	578
2	84	364	563	1,480	410	454	393	565	279	252	171	311
3	82	820	496	2,440	405	421	408	504	280	209	163	217
4	82	596	411	4,770	397	411	385	456	273	188	156	177
5	82	447	353	7,530	410	412	359	418	262	176	153	156
6	82	362	322	13,400	526	399	337	396	248	168	163	143
7	82	299	435	10,200	819	397	353	379	241	161	157	135
8	87	249	972	5,100	2,080	390	366	361	233	153	150	129
9	85	217	777	3,090	1,850	360	332	342	227	146	143	129
10	81	198	659	2,560	1,490	344	311	330	219	139	140	122
11	81	197	656	2,240	1,070	346	300	328	358	133	141	116
12	82	258	670	4,620	858	345	299	636	408	144	138	112
13	93	298	585	6,580	762	331	304	638	1,060	151	139	109
14	105	260	478	6,880	1,410	311	283	1,780	972	156	129	115
15	109	227	408	5,100	2,170	301	262	3,310	606	153	127	118
16	101	211	375	2,160	1,500	292	250	1,610	441	168	139	387
17	95	201	353	1,540	1,470	291	243	1,050	363	1,740	134	457
18	137	193	332	1,230	1,020	288	240	783	318	1,370	127	265
19	180	231	319	1,100	801	285	237	642	286	596	139	212
20	158	297	e250	975	700	284	232	851	261	386	126	233
21	139	274	e220	876	694	274	246	691	244	353	118	266
22	125	245	e225	793	644	271	349	560	233	2,560	116	218
23	132	235	e190	694	579	294	2,530	533	217	1,330	111	187
24	196	241	e185	e590	544	295	2,990	471	206	680	106	174
25	188	599	e180	e600	513	283	1,620	418	197	448	102	181
26	160	648	e190	602	480	311	1,260	386	191	335	106	799
27	155	479	e190	542	450	337	1,770	364	187	286	106	990
28	155	461	e210	475	458	418	1,230	346	191	262	105	545
29	147	507	e240	482	---	675	925	327	308	229	103	410
30	140	433	330	478	---	556	783	314	336	208	156	339
31	134	---	1,860	451	---	471	---	304	---	192	682	---
TOTAL	3,644	10,177	13,885	91,748	24,935	11,341	20,009	20,756	9,933	13,740	4,726	8,330
MEAN	118	339	448	2,960	891	366	667	670	331	443	152	278
MAX	196	820	1,860	13,400	2,170	675	2,990	3,310	1,060	2,560	682	990
MIN	81	130	180	451	397	271	232	304	187	133	102	109
CFSM	0.28	0.81	1.06	7.03	2.12	0.87	1.58	1.59	0.79	1.05	0.36	0.66
IN.	0.32	0.90	1.23	8.11	2.20	1.00	1.77	1.83	0.88	1.21	0.42	0.74

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 2005, BY WATER YEAR (WY)

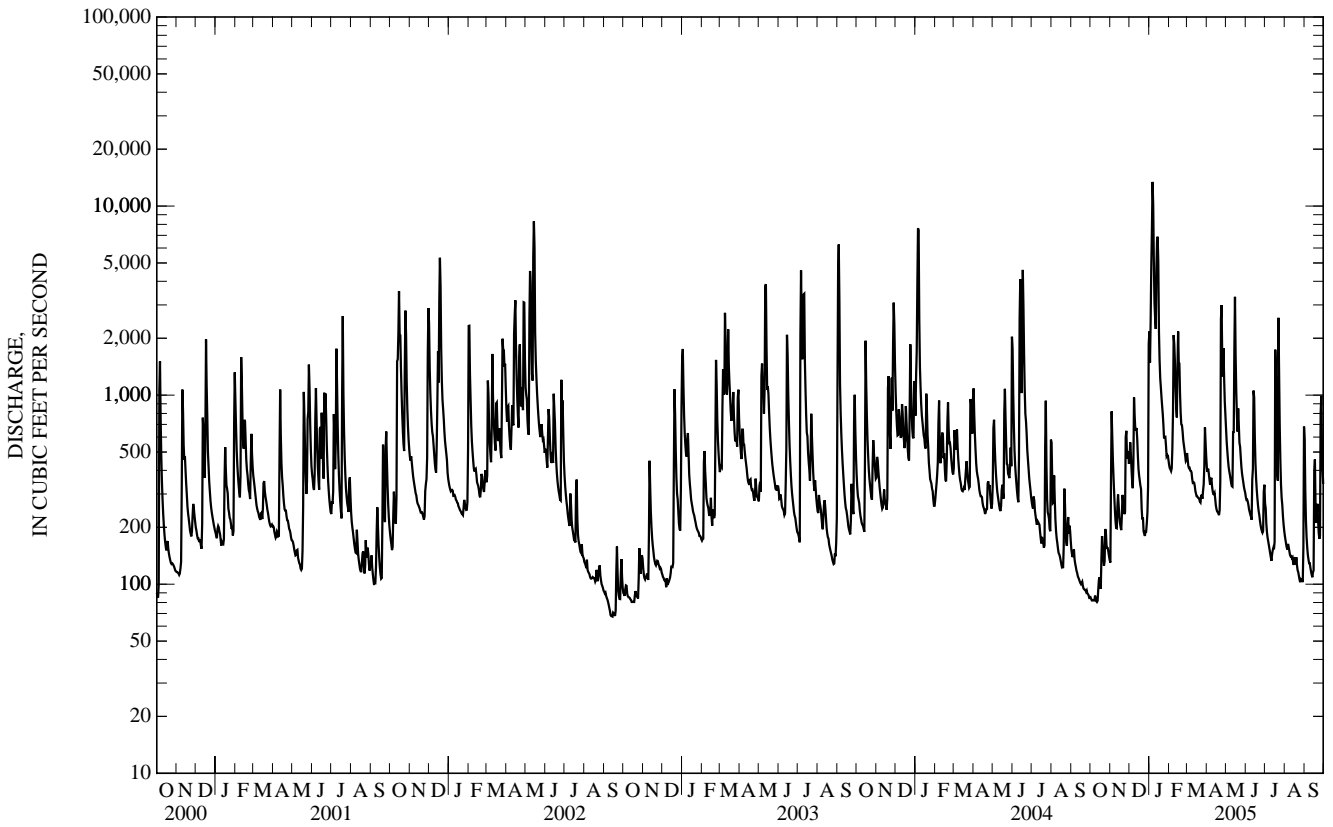
MEAN	183	351	482	668	694	781	773	619	481	332	195	157
MAX	1,199	2,114	1,575	4,319	2,208	1,970	1,973	2,605	1,729	1,363	1,404	953
(WY)	(1987)	(1994)	(1967)	(1950)	(1950)	(1963)	(1964)	(1996)	(1998)	(1979)	(1979)	(1989)
MIN	41.7	52.5	52.3	38.3	92.0	204	183	149	81.2	56.1	46.4	43.1
(WY)	(1964)	(1954)	(1964)	(1977)	(1964)	(1957)	(1971)	(1976)	(1988)	(1954)	(1988)	(1999)

WABASH RIVER BASIN

03361500 BIG BLUE RIVER AT SHELBYVILLE, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1944 - 2005	
ANNUAL TOTAL	173,530		233,224			
ANNUAL MEAN	474		639		475	
HIGHEST ANNUAL MEAN					908	
LOWEST ANNUAL MEAN					166	
HIGHEST DAILY MEAN	7,640	Jan 5	13,400	Jan 6	13,800	Mar 5, 1963
LOWEST DAILY MEAN	81	Oct 10	81	Oct 10	27	Jan 18, 1977
ANNUAL SEVEN-DAY MINIMUM	83	Oct 1	83	Oct 1	32	Jan 16, 1977
MAXIMUM PEAK FLOW			15,200		15,200	
MAXIMUM PEAK STAGE			18.43		18.43	
ANNUAL RUNOFF (CFSM)	1.13		1.52		1.13	
ANNUAL RUNOFF (INCHES)	15.33		20.61		15.33	
10 PERCENT EXCEEDS	790		1,290		1,010	
50 PERCENT EXCEEDS	315		319		245	
90 PERCENT EXCEEDS	110		128		76	

e Estimated



03361638 LEARY-WEBER DITCH AT MOHAWK, IN

LOCATION.--Lat 39°50'33", long 85°49'30", in NW¼SE¼ sec.11, T.16 N., R.6 E., Hancock County, Hydrologic Unit 05120204, (ACTON, IN quadrangle), 60 ft upstream of bridge on County Road 400N, 0.33 mi upstream of Sugar Creek, 0.70 mi east of Mohawk, and 3.06 mi southwest of Maxwell.

DRAINAGE AREA.--2.4 mi².

PERIOD OF RECORD.--July 2002 to current year.

GAGE.--Water-stage recorder. Datum of gage is 841.00 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	13	9.2	0.29	0.81	0.71	1.9	0.79	0.63	0.26	0.16
2	0.00	5.9	7.0	9.0	0.28	0.54	0.86	1.6	0.86	0.42	0.21	0.00
3	0.00	4.7	4.3	53	0.30	0.47	0.57	1.3	0.79	0.33	0.09	0.00
4	0.00	2.3	3.2	50	0.28	0.56	0.51	1.0	0.68	0.25	0.01	0.00
5	0.00	1.2	2.4	102	1.8	0.45	0.50	0.99	0.65	0.20	e0.00	0.00
6	0.00	0.79	2.2	77	3.9	0.41	0.46	1.0	0.61	0.12	0.00	0.00
7	0.00	0.54	9.6	32	12	0.59	0.82	1.1	0.63	0.08	0.00	0.00
8	0.00	0.25	9.2	15	12	0.35	0.78	1.0	0.60	0.03	0.00	0.00
9	0.00	0.16	5.4	13	9.2	0.25	0.64	1.1	0.53	0.00	0.00	0.00
10	0.00	0.15	4.2	14	5.6	0.30	0.58	1.0	0.46	0.00	0.00	0.00
11	0.00	0.24	5.2	30	3.2	0.34	0.55	0.94	0.45	0.00	0.00	0.00
12	0.00	2.4	4.8	45	2.4	0.30	0.62	7.1	2.0	0.00	0.00	0.00
13	0.00	1.4	3.1	55	2.8	0.14	0.51	3.2	16	0.00	0.00	0.00
14	0.00	0.88	2.2	35	26	0.11	0.32	14	5.5	0.00	0.00	0.00
15	0.00	0.66	1.9	15	12	0.09	0.27	9.4	2.8	e0.00	0.00	0.00
16	0.00	0.57	1.7	7.3	15	0.11	0.24	4.3	1.9	4.7	0.00	0.00
17	0.00	0.49	1.4	3.7	7.1	0.15	0.27	2.9	1.4	31	0.00	0.00
18	0.00	0.41	1.4	e2.3	3.4	0.13	0.30	2.3	1.1	13	0.00	0.00
19	0.00	0.79	1.1	e1.8	2.2	0.16	0.32	2.2	0.88	4.6	0.00	0.00
20	0.00	1.5	e0.96	e1.2	2.0	0.10	0.33	3.2	0.77	1.8	0.00	0.00
21	0.00	1.1	e0.90	e0.90	1.8	0.08	0.33	2.4	0.71	1.3	0.00	0.08
22	0.00	0.98	e0.86	e0.70	1.4	0.11	11	2.2	0.63	23	0.00	0.00
23	0.00	0.93	e0.85	e0.58	1.1	0.24	35	1.9	0.54	9.9	0.00	0.00
24	0.42	9.7	e0.84	e0.48	1.1	0.10	17	1.5	0.50	3.7	0.00	0.00
25	0.04	14	e0.83	e0.42	0.86	0.46	8.8	1.3	0.45	1.8	0.00	0.13
26	0.00	6.3	e0.82	e0.36	0.69	1.6	8.4	1.2	0.39	1.1	0.00	8.9
27	0.00	4.3	e0.81	e0.34	0.68	1.2	7.9	1.1	0.32	0.79	0.00	4.3
28	0.00	6.2	e0.80	e0.34	0.89	2.0	4.5	1.1	0.81	0.55	0.00	2.0
29	0.00	3.9	e0.90	e0.34	---	1.6	3.3	0.94	1.6	0.42	0.00	1.3
30	0.00	4.0	e7.0	e0.34	---	1.2	2.5	0.92	0.91	0.33	0.23	0.91
31	0.00	---	19	0.34	---	0.97	---	0.80	---	0.28	0.83	---
TOTAL	0.46	76.74	117.87	575.64	130.27	15.92	108.89	76.89	46.26	100.33	1.63	17.78
MEAN	0.01	2.56	3.80	18.6	4.65	0.51	3.63	2.48	1.54	3.24	0.05	0.59
MAX	0.42	14	19	102	26	2.0	35	14	16	31	0.83	8.9
MIN	0.00	0.00	0.80	0.34	0.28	0.08	0.24	0.80	0.32	0.00	0.00	0.00
CFSM	0.01	0.92	1.36	6.66	1.67	0.18	1.30	0.89	0.55	1.16	0.02	0.21
IN.	0.01	1.02	1.57	7.68	1.74	0.21	1.45	1.03	0.62	1.34	0.02	0.24

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2005, BY WATER YEAR (WY)

MEAN	0.85	2.50	3.57	9.68	2.75	3.95	2.24	3.31	4.46	4.42	0.02	1.11
MAX	2.52	4.56	4.65	18.6	4.65	7.71	3.63	4.89	10.9	12.6	0.05	3.86
(WY)	(2004)	(2004)	(2004)	(2005)	(2005)	(2003)	(2005)	(2003)	(2004)	(2003)	(2005)	(2003)
MIN	0.00	0.39	2.25	3.34	1.71	0.51	1.39	2.48	0.93	0.17	0.00	0.00
(WY)	(2003)	(2003)	(2003)	(2003)	(2004)	(2005)	(2004)	(2005)	(2003)	(2004)	(2002)	(2002)

SUMMARY STATISTICS

FOR 2004 CALENDAR YEAR

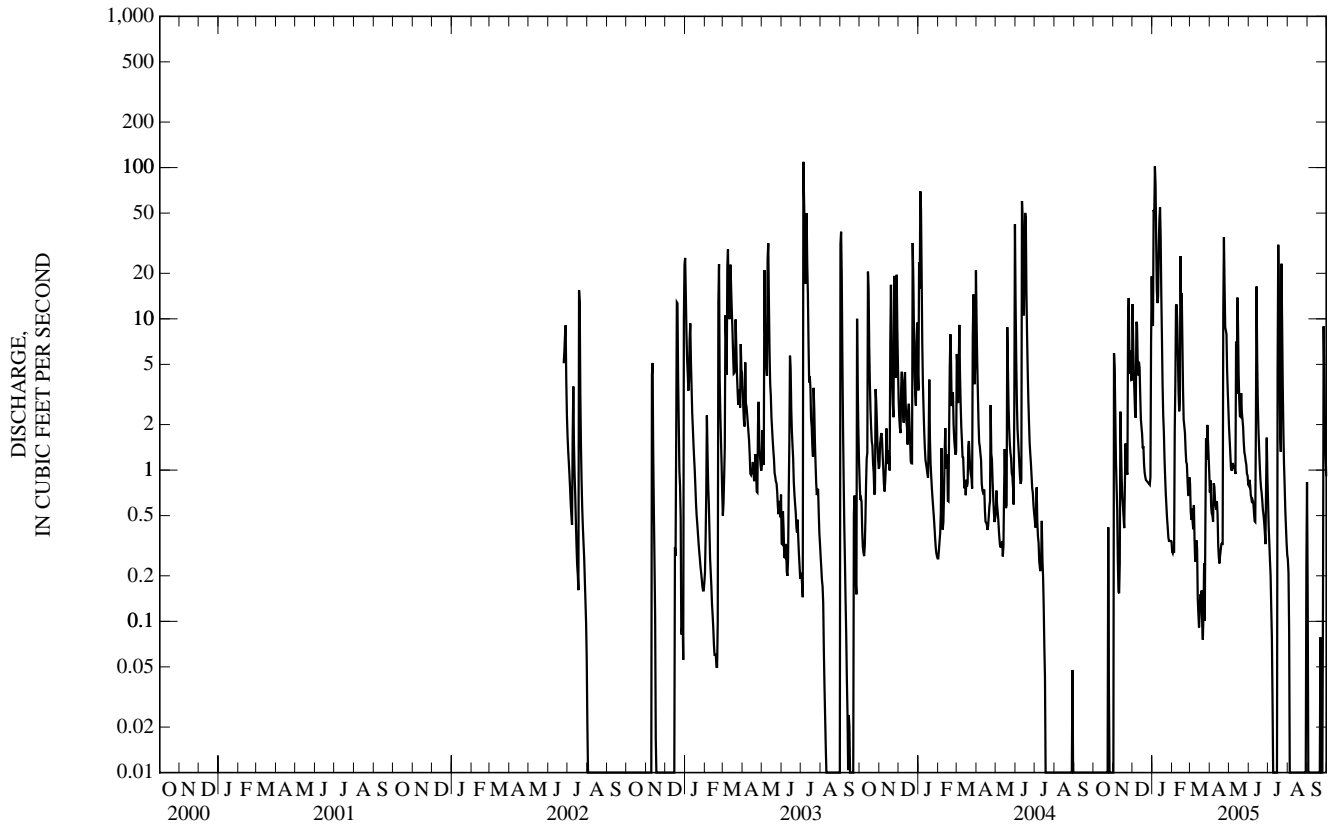
FOR 2005 WATER YEAR

WATER YEARS 2002 - 2005

ANNUAL TOTAL	1,032.42	1,268.68	
ANNUAL MEAN	2.82	3.48	3.36
HIGHEST ANNUAL MEAN			3.48
LOWEST ANNUAL MEAN			3.27
HIGHEST DAILY MEAN	70	Jan 4	109
LOWEST DAILY MEAN	0.00	Jul 19	0.00
ANNUAL SEVEN-DAY MINIMUM	0.00	Jul 19	0.00
MAXIMUM PEAK FLOW			133
MAXIMUM PEAK STAGE			6.29
ANNUAL RUNOFF (CFSM)	1.01	1.25	1.20
ANNUAL RUNOFF (INCHES)	13.77	16.92	16.35
10 PERCENT EXCEEDS	5.9	9.1	8.2
50 PERCENT EXCEEDS	0.70	0.68	0.72
90 PERCENT EXCEEDS	0.00	0.00	0.00

e Estimated

03361638 LEARY-WEBER DITCH AT MOHAWK, IN—Continued



03361650 SUGAR CREEK AT NEW PALESTINE, IN

LOCATION.--Lat 39°42'51", long 85°53'08", in SE¹/₄SW¹/₄ sec.29, T.15 N., R.6 E., Hancock County, Hydrologic Unit 05120204, (ACTON, IN quadrangle), on left bank 10 ft downstream from bridge on County Road 450 West, 0.5 mi south of New Palestine, 3.1 mi upstream from Little Sugar Creek, and at mile 37.3 mi.

DRAINAGE AREA.--93.9 mi².

PERIOD OF RECORD.--October 1967 to current year.

REVISED RECORDS.--WDR IN-76-1: 1975.

GAGE.--Water-stage recorder. Datum of gage is 786.00 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.7	8.7	160	403	e64	97	62	122	40	62	21	136
2	5.3	99	160	293	e62	87	62	101	38	42	19	76
3	5.6	97	133	724	e60	81	57	89	38	33	18	43
4	5.7	60	100	1,290	e60	78	57	79	37	27	17	26
5	4.8	40	79	2,440	e63	77	56	72	34	23	17	19
6	5.7	30	69	2,810	95	75	52	67	32	21	24	15
7	5.0	24	121	1,800	214	73	57	64	30	19	25	14
8	4.4	19	199	1,070	478	73	59	61	28	17	23	13
9	4.0	16	184	624	532	66	55	57	26	16	17	15
10	4.1	16	140	545	398	62	52	53	25	14	17	12
11	3.9	16	136	671	266	61	48	54	25	13	16	11
12	4.3	27	131	1,200	195	61	48	108	46	14	15	11
13	6.7	24	120	1,610	167	57	49	133	220	14	16	10
14	9.0	21	97	1,560	638	55	46	227	319	14	11	11
15	8.2	20	77	1,190	759	51	42	321	174	17	18	12
16	11	18	68	592	722	48	39	227	103	57	13	15
17	9.4	17	63	343	548	48	37	138	72	556	15	25
18	13	16	59	e240	353	47	39	104	57	251	13	45
19	15	27	55	210	224	48	39	98	47	129	11	32
20	12	32	e49	184	179	46	38	168	41	77	10	38
21	10	27	e48	158	165	46	41	183	36	83	9.6	27
22	9.4	27	e47	139	148	43	103	125	32	559	9.4	37
23	14	26	e47	e120	131	48	656	102	29	193	8.7	31
24	22	86	e46	e110	119	45	689	88	27	113	8.0	e25
25	13	238	e45	e100	109	49	553	72	25	69	8.1	e65
26	11	186	e44	e94	101	60	329	63	23	49	7.8	e198
27	10	121	e43	e88	93	68	336	58	22	41	8.3	297
28	9.5	126	e43	e82	93	88	277	54	21	33	7.4	181
29	9.3	102	e45	e76	---	86	190	49	48	28	7.3	108
30	9.7	93	e100	e72	---	78	149	47	118	25	89	77
31	8.6	---	e370	e68	---	70	---	43	---	23	195	---
TOTAL	269.3	1,659.7	3,078	20,906	7,036	1,972	4,317	3,227	1,813	2,632	694.6	1,625
MEAN	8.69	55.3	99.3	674	251	63.6	144	104	60.4	84.9	22.4	54.2
MAX	22	238	370	2,810	759	97	689	321	319	559	195	297
MIN	3.9	8.7	43	68	60	43	37	43	21	13	7.3	10
CFSM	0.09	0.59	1.06	7.18	2.68	0.68	1.53	1.11	0.64	0.90	0.24	0.58
IN.	0.11	0.66	1.22	8.28	2.79	0.78	1.71	1.28	0.72	1.04	0.28	0.64

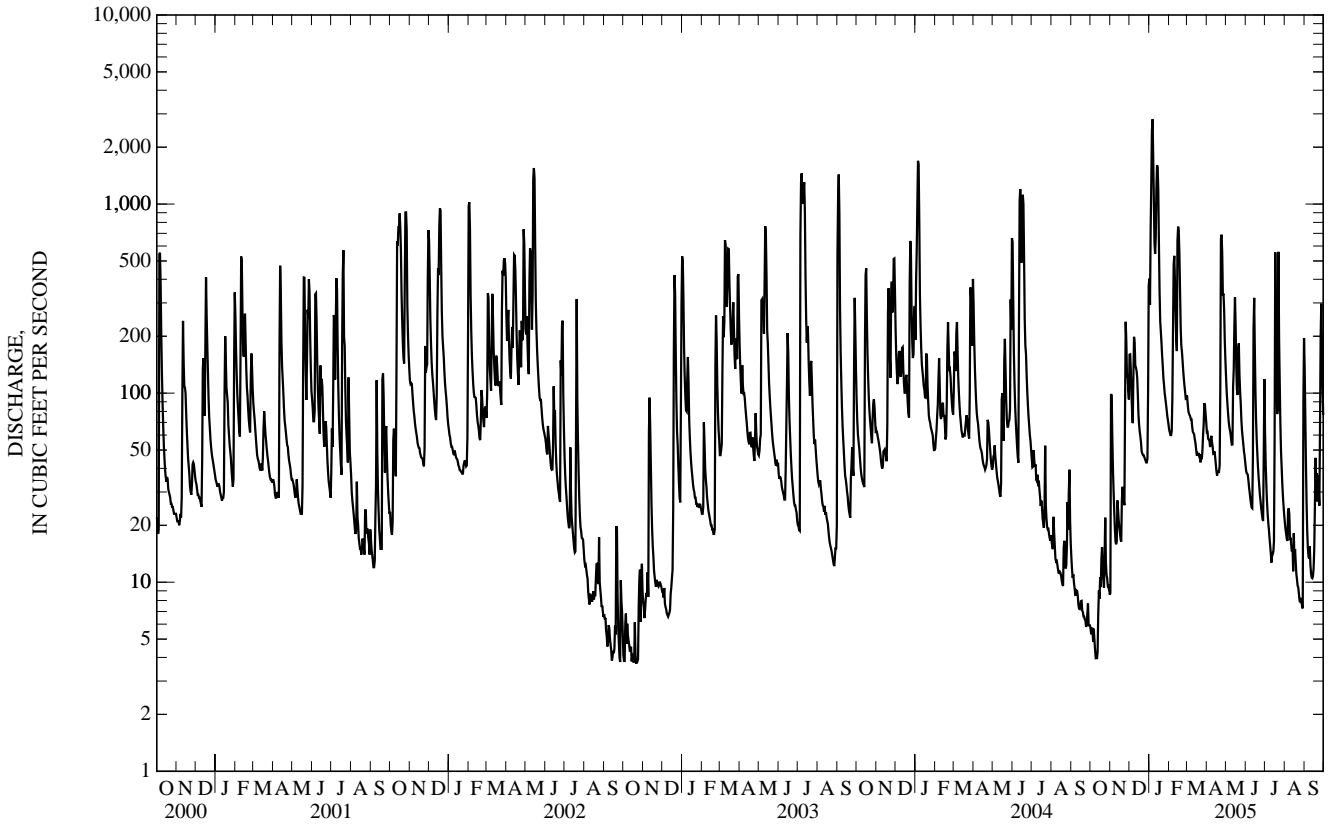
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 2005, BY WATER YEAR (WY)

MEAN	43.3	88.9	121	143	160	169	154	136	103	71.2	39.3	32.3
MAX	329	441	352	674	439	413	299	549	469	369	306	314
(WY)	(2002)	(1994)	(1991)	(2005)	(1982)	(1978)	(1996)	(1996)	(1998)	(2003)	(1979)	(1989)
MIN	2.36	3.88	8.95	5.35	35.7	35.0	30.0	23.4	8.47	9.21	3.72	0.65
(WY)	(2000)	(2000)	(2000)	(1977)	(1978)	(1981)	(1971)	(1976)	(1988)	(1977)	(1999)	(1999)

03361650 SUGAR CREEK AT NEW PALESTINE, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1968 - 2005	
ANNUAL TOTAL	37,971.4		49,229.6		105	
ANNUAL MEAN	104		135		37.7	
HIGHEST ANNUAL MEAN					157	2002
LOWEST ANNUAL MEAN					37.7	1977
HIGHEST DAILY MEAN	1,690	Jan 5	2,810	Jan 6	2,810	Jan 6, 2005
LOWEST DAILY MEAN	3.9	Oct 11	3.9	Oct 11	0.11	Sep 19, 1999
ANNUAL SEVEN-DAY MINIMUM	4.5	Oct 6	4.5	Oct 6	0.26	Sep 16, 1999
MAXIMUM PEAK FLOW			3,400	Jan 6	3,400	Jan 6, 2005
MAXIMUM PEAK STAGE			10.80	Jan 6	10.80	Jan 6, 2005
ANNUAL RUNOFF (CFSM)	1.10		1.44		1.12	
ANNUAL RUNOFF (INCHES)	15.04		19.50		15.16	
10 PERCENT EXCEEDS	189		283		245	
50 PERCENT EXCEEDS	50		53		46	
90 PERCENT EXCEEDS	8.6		11		8.5	

e Estimated



394340085524601 SUGAR CREEK AT CO. RD. 400S AT NEW PALESTINE, IN—Continued

[(National Water-Quality Assessment Program), White River Basin, Miami River Basin Study Unit]

LOCATION.--Lat 39°43'40", long 85°52'45", in SW¼SE¼ sec.20, T.15 N., R.6 E., Hancock County, Hydrologic Unit 05120204 (ACTON, IN quadrangle), 1.1 mi upstream from Sugar Creek at New Palestine, 4.2 mi upstream from Little Sugar Creek and at mi 38.4

DRAINAGE AREA.--92.6 mi².

WATER-QUALITY RECORDS

The data described in the following table were collected and analyzed as part of the National Water Quality Assessment Program (NAWQA) in the White River Basin-Great and Little Miami River Basins (WHMI) study unit. The objectives of the NAWQA program are to broadly characterize the water-quality of the Nation's streams and aquifers in relation to human and natural factors. This project is one of 42 river basin and aquifer assessment projects being implemented across the nation on a staggered timeline. The period of high-intensity data collection for the WHMI project was in water years 2001-2004. The period of low-intensity data collection for the WHMI project is in water years 2005-2010.

Previously, water quality data from four stream sites in Indiana and two stream sites in Ohio were being reported as part of the NAWQA study: Big Walnut Creek nr Roachdale, IN (03357330), Little Buck Creek nr Indianapolis, IN (03353637), Sugar Creek at New Palestine, IN (03361650), White River at Hazleton, IN (03374100), Holes Creek at Huffman Park at Kettering, OH (393944084120700), Mad River at St. Paris Pike near Eagle City, OH (03267900). During low intensity dampling, samples are only collected at and reported for Sugar Creek at CO. Rd. 400S at New Palestine, IN (394340085524601), and White River at Hazleton, IN (03374100).

These data can also be obtained electronically at <http://in.water.usgs.gov> or at <http://oh.water.usgs.gov>.

(- - -, no data: <, concentration or value reported is less than that indicated: E, estimated value: ft³/s, cubic feet per second: M, presence verified, not quantified)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous discharge, ft ³ /s (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unfiltered, μ S/cm 25 deg C (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Chloride, water, fltrd, mg/L (00940)	Sulfate, water, fltrd, mg/L (00945)	Ammonia, water, fltrd, mg/L as N (00608)	Nitrite + nitrate, water, fltrd, mg/L as N (00631)	Nitrite, water, fltrd, mg/L as N (00613)
NOV 17...	1020	21	750	10.0	7.7	417	14.0	10.4	40.1	41.3	<0.04	0.66	E0.005
JAN 11...	1220	551	745	11.2	7.8	426	11.0	5.9	22.3	21.0	<.04	3.73	.010
MAR 08...	0910	74	737	12.9	8.0	613	-2.0	5.3	31.0	39.3	<.04	2.21	E.005
MAY 17...	0900	142	744	10.0	8.0	566	18.5	13.3	27.1	25.3	.07	8.97	.071
JUL 19...	1030	133	732	7.2	E8.1	437	29.0	23.8	18.5	20.6	<.04	2.14	.012
AUG 30...	1100	10	730	7.0	7.8	627	22.0	22.2	27.3	38.2	<.04	.17	<.008

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd, mg/L (00665)	Total nitrogen, wat unfiltered, by analysis, mg/L (62855)	1,4-Naphthoquinone, water, fltrd, μ g/L (61611)	1-Naphthol, water, fltrd, μ g/L (49295)	2-(4-t-Butylphenoxy)cyclohexanol, water, fltrd, μ g/L (61637)	2,5-Dichloroaniline, water, fltrd, μ g/L (61614)	2,6-Diethyl-aniline, water, fltrd, μ g/L (82660)	2-Amino-N-isopropylbenzamide, water, fltrd, μ g/L (61617)	2-Chloro-2',6'-diethylacetanilide, water, fltrd, μ g/L (61618)	CIAT, water, fltrd, μ g/L (04040)	2-Ethyl-6-methyl-aniline, water, fltrd, μ g/L (61620)	3-(Tri-fluoro-methyl)-aniline, water, fltrd, μ g/L (61630)
NOV 17...	E0.005	0.038	0.94	<0.04	<0.09	<0.01	<0.01	<0.006	<0.005	<0.005	E0.017	<0.004	<0.01
JAN 11...	.058	.150	4.35	<.04	<.09	<.01	<.01	<.006	<.005	<.005	E.023	<.004	<.01
MAR 08...	.006	.021	2.45	<.04	<.09	<.01	<.01	<.006	<.005	<.005	E.014	<.004	<.01
MAY 17...	.018	.073	9.67	<.04	<.09	<.01	<.01	<.006	<.005	<.005	E.343	<.004	<.01
JUL 19...	.011	.158	4.33	<.04	<.09	<.01	<.01	<.006	<.005	<.005	E.234	<.004	<.01
AUG 30...	.020	.064	.49	--	<.09	--	--	<.006	--	<.005	E.014	<.004	--

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WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	3,4-Di-chloro-aniline water, fltrd, $\mu\text{g/L}$ (61625)	3,5-Di-chloro-aniline water, fltrd, $\mu\text{g/L}$ (61627)	4,4'-Di-chloro-benzo-phen-one, wat flt $\mu\text{g/L}$ (61631)	4Chloro-2methyl-phenol, water, fltrd, $\mu\text{g/L}$ (61633)	4Chloro-phenyl-methyl-sulfone water, fltrd, $\mu\text{g/L}$ (61634)	Aceto-chlor, water, fltrd, $\mu\text{g/L}$ (49260)	Ala-chlor, water, fltrd, $\mu\text{g/L}$ (46342)	alpha-Endo-sulfan, water, fltrd, $\mu\text{g/L}$ (34362)	alpha-HCH, water, fltrd, $\mu\text{g/L}$ (34253)	Atra-zine, water, fltrd, $\mu\text{g/L}$ (39632)	Azin-phos-methyl-oxon, water, fltrd, $\mu\text{g/L}$ (61635)	Azin-phos-methyl, water, fltrd, $0.7\text{-}\mu\text{m GF}$ $\mu\text{g/L}$ (82686)	Ben-flur-alin, water, fltrd, $0.7\text{-}\mu\text{m GF}$ $\mu\text{g/L}$ (82673)
NOV 17...	<0.004	<0.004	<0.007	<0.006	<0.01	<0.006	<0.005	<0.005	<0.005	0.059	<0.07	<0.050	<0.010
JAN 11...	<.004	<.004	<.007	<.006	<.01	.008	<.005	<.005	<.005	.071	<.07	<.050	<.010
MAR 08...	<.004	<.004	<.007	<.006	<.01	<.006	<.005	<.005	<.005	.046	--	<.050	<.010
MAY 17...	<.004	<.004	<.007	<.006	<.01	1.05	<.005	<.005	<.005	5.74	<.03	<.050	<.010
JUL 19...	<.004	<.004	<.007	<.006	<.01	.028	<.005	<.005	<.005	1.03	<.07	<.050	<.010
AUG 30...	<.004	<.004	--	<.006	--	E.007	<.005	<.005	--	.076	<.07	<.050	<.010

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	beta-Endo-sulfan, water, fltrd, $\mu\text{g/L}$ (34357)	Bifen-thrin, water, fltrd, $\mu\text{g/L}$ (61580)	Butyl-ate, water, fltrd, $\mu\text{g/L}$ (04028)	Car-baryl, water, fltrd, $0.7\text{-}\mu\text{m GF}$ $\mu\text{g/L}$ (82680)	Carbo-furan, water, fltrd, $0.7\text{-}\mu\text{m GF}$ $\mu\text{g/L}$ (82674)	Chlor-pyri-fos-oxon, water, fltrd, $\mu\text{g/L}$ (61636)	Chlor-pyri-fos-water, fltrd, $\mu\text{g/L}$ (38933)	cis-Per-methrin water, fltrd, $0.7\text{-}\mu\text{m GF}$ $\mu\text{g/L}$ (82687)	cis-Propi-cona-zole, water, fltrd, $\mu\text{g/L}$ (79846)	Cyana-zine, water, fltrd, $\mu\text{g/L}$ (04041)	Cyclo-ate, water, fltrd, $\mu\text{g/L}$ (04031)	Cyflu-thrin, water, fltrd, $\mu\text{g/L}$ (61585)	lambda-Cyhalo-thrin, water, fltrd, $\mu\text{g/L}$ (61595)
NOV 17...	<0.01	<0.005	<0.004	<0.041	<0.020	<0.06	<0.005	<0.006	<0.008	<0.018	<0.005	<0.008	<0.009
JAN 11...	<.01	<.005	<.004	<.041	<.020	<.06	<.005	<.006	<.008	<.018	<.005	<.027	<.009
MAR 08...	<.01	--	<.004	<.041	<.020	<.06	<.005	<.006	--	<.018	<.005	--	--
MAY 17...	<.01	<.005	<.004	<.041	<.020	<.06	<.005	<.006	<.008	<.018	<.005	<.027	<.009
JUL 19...	<.01	<.005	<.004	E.003	<.020	<.06	<.005	<.006	<.008	<.018	<.005	<.027	<.009
AUG 30...	--	--	--	<.041	<.020	<.06	<.005	<.006	<.008	<.018	--	<.027	<.009

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Cyber-methrin water, fltrd, $\mu\text{g/L}$ (61586)	DCPA, water fltrd, $0.7\text{-}\mu\text{m GF}$ $\mu\text{g/L}$ (82682)	Desulf-inyl fipro-nil, water, fltrd, $\mu\text{g/L}$ (62170)	Diazi-non, water, fltrd, $\mu\text{g/L}$ (39572)	Dicro-tophos, water, fltrd, $\mu\text{g/L}$ (38454)	Diel-drin, water, fltrd, $\mu\text{g/L}$ (39381)	Dimeth-uate, water, fltrd, $0.7\text{-}\mu\text{m GF}$ $\mu\text{g/L}$ (82662)	Disulf-oton sulfone water, fltrd, $\mu\text{g/L}$ (61640)	Disulf-oton sulf-oxide, water, fltrd, $\mu\text{g/L}$ (61641)	Disul-foton, water, fltrd, $0.7\text{-}\mu\text{m GF}$ $\mu\text{g/L}$ (82677)	(E)-Di-metho-morph, water, fltrd, $\mu\text{g/L}$ (79844)	Endo-sulfan ether, water, fltrd, $\mu\text{g/L}$ (61642)	Endo-sulfan sulfate water, fltrd, $\mu\text{g/L}$ (61590)
NOV 17...	<0.009	<0.003	<0.012	<0.005	<0.08	<0.009	<0.006	<0.01	<0.036	<0.02	<0.02	<0.007	<0.014
JAN 11...	<.009	<.003	<.012	<.005	<.08	<.009	<.006	<.01	<.036	<.02	<.02	<.007	<.014
MAR 08...	--	<.003	<.012	<.005	--	<.009	<.006	<.01	<.036	<.02	--	--	<.014
MAY 17...	<.009	<.003	<.012	<.005	<.08	<.009	<.006	<.01	<.036	<.02	<.02	<.007	<.014
JUL 19...	<.009	<.003	<.012	<.005	<.08	<.009	<.006	<.01	<.036	<.02	<.02	<.007	<.014
AUG 30...	<.009	<.003	<.012	<.005	<.08	<.009	<.006	<.01	--	<.02	--	--	<.014

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WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	EPTC, water, fltrd 0.7-m GF (82668)	Ethal- flur- alin, water, fltrd 0.7-m GF (82663)	Ethion monoxon water, fltrd, 0.7-m GF (61644)	Ethion, water, fltrd, 0.7-m GF (82346)	Etho- prop, water, fltrd 0.7-m GF (82672)	Fenami- phos sulfone water, fltrd, 0.7-m GF (61645)	Fenami- phos sulf- oxide, water, fltrd, 0.7-m GF (61646)	Fenami- phos, water, fltrd, 0.7-m GF (61591)	Fen- thion sulf- oxide, water, fltrd, 0.7-m GF (61647)	Fen- thion, water, fltrd, 0.7-m GF (38801)	Desulf- inyl- fipro- nil amide, wat flt 0.7-m GF (62169)	Fipro- nil sulfide water, fltrd, 0.7-m GF (62167)	Fipro- nil sulfone water, fltrd, 0.7-m GF (62168)
NOV 17...	<0.004	<0.009	<0.002	<0.004	<0.005	<0.049	<0.04	<0.03	<0.008	<0.02	<0.029	<0.013	<0.024
JAN 11...	<.004	<.009	<.002	<.004	<.005	<.049	<.04	<.03	<.008	<.02	<.029	<.013	<.024
MAR 08...	<.004	<.009	<.002	<.004	<.005	<.049	<.04	<.03	<.008	<.02	<.029	<.013	<.024
MAY 17...	<.004	<.009	<.002	<.004	<.005	<.049	<.04	<.03	<.008	<.02	<.029	<.013	<.024
JUL 19...	<.004	<.009	<.002	<.004	<.005	<.049	<.04	<.03	<.008	<.02	<.029	<.013	E.002
AUG 30...	<.004	--	<.002	<.004	<.005	<.049	<.04	<.03	--	--	<.029	E.005	E.006

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Fipro- nil, water, fltrd, 0.7-m GF (62166)	Flume- tralin, water, fltrd, 0.7-m GF (61592)	Fonofos oxon, water, fltrd, 0.7-m GF (61649)	Fonofos water, fltrd, 0.7-m GF (04095)	Hexa- zinone, water, fltrd, 0.7-m GF (04025)	Ipro- dione, water, fltrd, 0.7-m GF (61593)	Isofen- phos, water, fltrd, 0.7-m GF (61594)	Lindane water, fltrd, 0.7-m GF (39341)	Linuron water fltrd 0.7-m GF (82666)	Malax- oxon, water, fltrd, 0.7-m GF (61652)	Malathion, water, fltrd, 0.7-m GF (39532)	Meta- laxyl, water, fltrd, 0.7-m GF (61596)	Methi- althion water, fltrd, 0.7-m GF (61598)
NOV 17...	<0.016	<0.004	<0.003	<0.003	<0.013	<0.387	<0.003	<0.004	<0.035	<0.030	<0.027	<0.005	<0.006
JAN 11...	<.016	<.003	--	<.003	<.013	<.538	<.003	<.004	<.035	<.030	<.027	<.005	<.006
MAR 08...	<.016	<.003	--	<.003	<.013	<.538	<.003	<.004	<.035	<.030	<.027	<.005	<.006
MAY 17...	<.016	<.003	--	<.003	<.013	<.538	<.003	<.004	<.035	<.030	<.027	.011	<.006
JUL 19...	<.016	<.003	--	<.003	<.013	<.538	<.003	<.004	<.035	<.030	<.027	<.005	<.006
AUG 30...	<.016	--	--	<.003	<.013	<.538	<.003	--	--	<.030	<.027	<.005	<.006

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	c-Per- methric acid methyl ester, wat flt 0.7-m GF (79842)	Methyl para- oxon, water, fltrd, 0.7-m GF (61664)	Methyl para- thion, water, fltrd 0.7-m GF (82667)	t-Per- methric acid methyl ester, wat flt 0.7-m GF (79843)	Metola- chlor, water, fltrd, 0.7-m GF (39415)	Metri- buzin, water, fltrd, 0.7-m GF (82630)	Moli- nate, water, fltrd 0.7-m GF (82671)	Myclo- butanil water, fltrd, 0.7-m GF (61599)	Naprop- amide, water, fltrd 0.7-m GF (82684)	O-Et-O- Me-S-Pr phos- phoro- thioate wat flt 0.7-m GF (61660)	Oxy- fluor- fen, water, fltrd, 0.7-m GF (61600)	p,p'- DDE, water, fltrd, 0.7-m GF (34653)	Para- oxon, water, fltrd, 0.7-m GF (61663)
NOV 17...	<0.02	<0.03	<0.015	<0.01	0.051	<0.006	<0.003	<0.008	<0.007	<0.005	<0.007	<0.003	<0.016
JAN 11...	<.02	<.03	<.015	<.01	.034	<.006	<.003	<.008	<.007	<.005	<.007	<.003	<.016
MAR 08...	<.02	<.03	<.015	<.01	.016	<.006	<.003	<.008	<.007	<.005	<.007	<.003	<.016
MAY 17...	<.02	<.03	<.015	<.01	1.06	.036	<.003	<.008	<.007	<.005	<.007	<.003	<.016
JUL 19...	<.02	<.03	<.015	<.01	E.339	<.006	<.003	<.008	<.007	<.005	<.007	<.003	<.016
AUG 30...	--	<.03	<.015	--	E.027	<.006	<.003	<.008	--	--	<.007	--	--

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WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Para- thion, water, fltrd, 0.7- μ m GF (39542) 0.7- μ m GF (82669)	Peb- ulate, water, fltrd (82683)	Pendi- meth- alin, water, fltrd (82683)	Phorate oxon, water, fltrd, (61666)	Phorate water fltrd (82664)	Phosmet oxon, water, fltrd, (61668)	Phosmet water, fltrd, (61601)	Phoste- bupirim water, fltrd, (61602)	Pro- fenofos water, fltrd, (61603)	Prome- ton, water, fltrd, (04037)	Prome- tryn, water, fltrd, (04036)	Propy- zamide, water, fltrd (82676)	Propa- chlor, water, fltrd, (04024)
NOV 17...	<0.010	<0.004	<0.022	<0.10	<0.011	--	--	<0.005	<0.006	<0.01	<0.005	<0.004	<0.025
JAN 11...	<.010	<.004	<.022	<.10	<.011	<.05	<.008	<.005	<.006	M	<.005	<.004	<.025
MAR 08...	<.010	<.004	<.022	<.10	<.011	--	<.008	<.005	<.006	<.01	<.005	<.004	<.025
MAY 17...	<.010	<.004	<.022	<.10	<.011	--	<.008	.009	<.006	E.01	<.005	<.004	<.025
JUL 19...	<.010	<.004	<.022	<.10	<.011	<.05	<.008	.006	<.006	.78	<.005	<.004	<.025
AUG 30...	--	--	<.022	<.10	<.011	--	--	--	--	.03	<.005	<.004	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Pro- panil, water, fltrd (82679)	Propar- gite, water, fltrd (82685)	Propet- amphos, water, fltrd, (61604)	Sima- zine, water, fltrd, (04035)	Sulfo- tepp, water, fltrd, (61605)	Sulpro- fos, water, fltrd, (38716)	Tebu- pirim- phos oxon, water, fltrd, (61669)	Tebu- thiuron water, fltrd (82670)	Teflu- thrin, water, fltrd, (61606)	Tem- phos, water, fltrd, (61607)	Terba- cil, water, fltrd (82665)	Ter- bufos oxon sulfone water, fltrd, (61674)	Terbu- fos, water, fltrd (82675)
NOV 17...	<0.011	<0.02	<0.004	0.011	<0.003	--	<0.006	<0.02	<0.008	<0.3	<0.034	<0.07	<0.02
JAN 11...	<.011	<.02	<.004	.133	<.003	<.02	<.006	<.02	<.008	<.3	<.034	<.07	<.02
MAR 08...	<.011	<.02	<.004	.017	<.003	<.02	<.006	<.02	<.008	--	<.034	<.07	<.02
MAY 17...	<.011	<.02	<.004	.071	<.003	<.02	<.006	<.02	<.008	--	<.034	<.07	<.02
JUL 19...	<.011	<.02	<.004	.012	<.003	<.02	<.006	<.02	<.008	<.3	<.034	<.07	<.02
AUG 30...	<.011	<.02	--	.008	--	--	--	<.02	<.008	--	--	<.07	<.02

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Ter- buthyl- azine, water, fltrd, (04022)	Thio- bencarb water fltrd (82681)	trans- Propi- cona- zole, water, fltrd, (79847)	Tri- allate, water, fltrd (82678)	Tribu- phos, water, fltrd, (61610)	Tri- flur- alin, water, fltrd (82661)	(Z)-Di- metho- morph, water, fltrd, (79845)	Di- chlor- vos, water fltrd, (38775)	Sus- pended sediment concentration mg/L (80154)
NOV 17...	<0.01	<0.010	<0.01	<0.006	<0.004	<0.009	<0.05	<0.01	91
JAN 11...	<.01	<.010	<.01	<.006	<.004	<.009	<.05	<.01	48
MAR 08...	<.01	<.010	--	<.006	<.004	<.009	--	<.01	29
MAY 17...	<.01	<.010	<.01	<.006	<.004	<.009	<.05	<.01	47
JUL 19...	<.01	<.010	<.01	<.006	<.004	<.009	<.05	<.01	45
AUG 30...	<.01	<.010	<.01	--	<.004	<.009	--	<.01	--