03373980 WHITE RIVER ABOVE PETERSBURG, IN—Continued

WATER-QUALITY RECORDS

INSTRUMENTATION.--Temperature recorder.

PERIOD OF RECORD.--

WATER TEMPERATURE.--September 1988 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 33.3°C, July 30, 1999; minimum, -0.4°C, Dec. 16, 21, 1989; Jan. 1, 2, 1990; Jan. 15, 16, 18, 19, 1994.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 31.0°C, Aug. 13, minimum, 0.1°C, Dec. 24 and 25.

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	20.3	18.6	19.5	17.0	16.3	16.7	9.0	8.4	8.7	4.5	3.8	4.1
2	20.0	18.4	19.3	17.1	16.6	17.0	8.4	7.9	8.1	6.0	4.1	5.1
3	19.2	16.8	18.0	16.6	15.8	16.2	7.9	7.5	7.7	7.7	5.9	6.9
4	19.2	17.0	17.9	15.8	14.6	15.2	7.6	7.3	7.5	8.0	7.4	7.6
5	18.4	16.0	17.2	14.6	13.9	14.1	7.3	7.0	7.2	8.8	7.7	8.4
6	18.6	15.8	17.1	13.9	13.3	13.6	7.8	7.3	7.5	8.7	7.6	8.2
7	18.8	16.4	17.6	13.9	13.2	13.6	9.6	7.8	8.8	7.6	7.1	7.4
8	19.2	17.8	18.5	13.5	12.7	13.1	9.6	8.8	9.2	7.1	6.6	6.8
9	19.0	18.4	18.7	12.7	12.0	12.3	9.1	8.7	8.8	6.6	6.4	6.5
10	19.2	17.6	18.4	12.0	11.4	11.7	9.6	9.1	9.4	6.4	5.7	6.0
11	17.9	16.7	17.2	11.7	10.9	11.3	9.4	8.9	9.2	6.3	5.7	5.9
12	17.2	16.5	16.9	10.9	10.6	10.8	8.9	8.7	8.8	7.3	6.3	6.7
13	17.1	16.5	16.9	10.7	10.3	10.5	8.7	7.7	8.2	8.0	7.3	7.8
14	16.5	15.4	15.9	10.3	9.9	10.1	7.7	6.6	7.1	7.6	6.4	6.9
15	15.4	14.3	14.8	9.9	9.4	9.6	6.6	5.8	6.2	6.4	6.1	6.3
16	14.5	13.5	14.0	9.5	9.3	9.4	5.8	5.1	5.4	6.4	5.4	6.1
17	14.4	12.5	13.4	9.8	9.5	9.6	5.1	4.6	4.8	5.4	4.1	4.7
18	13.6	13.2	13.4	9.7	9.3	9.5	4.8	4.3	4.5	4.1	3.0	3.4
19	14.0	13.3	13.6	10.3	9.7	9.9	4.6	3.4	4.0	3.0	2.0	2.4
20	14.1	13.9	14.0	10.9	10.3	10.7	3.4	2.7	3.0	2.0	1.6	1.8
21	13.9	13.0	13.3	11.3	10.9	11.1	3.1	2.5	2.8	2.0	1.6	1.8
22	13.6	13.0	13.3	11.5	11.2	11.3	3.0	1.2	2.2	1.9	1.4	1.7
23	14.3	13.5	13.9	11.9	11.5	11.7	1.2	0.3	0.7	1.8	1.1	1.4
24	14.9	14.0	14.4	12.6	11.9	12.2	0.4	0.1	0.2	2.3	1.8	2.0
25	15.3	14.3	14.8	12.0	11.3	11.6	0.4	0.1	0.2	2.8	2.3	2.5
26	15.1	14.7	14.9	11.3	10.7	10.9	0.7	0.3	0.5	3.1	2.8	3.0
27	15.4	14.8	15.1	10.7	9.8	10.2	0.8	0.2	0.5	3.2	2.9	3.0
28	15.8	15.4	15.6	9.8	9.6	9.7	1.1	0.4	0.7	3.0	2.7	2.9
29	16.8	15.8	16.3	9.6	9.4	9.5	1.6	1.1	1.3	3.0	2.9	3.0
30	17.4	16.6	16.9	9.4	9.0	9.2	2.1	1.3	1.6	3.2	3.0	3.1
31	16.9	16.4	16.6	---	---	---	3.8	2.1	2.7	3.5	3.2	3.3
MONTH	20.3	12.5	16.0	17.1	9.0	11.7	9.6	0.1	5.1	8.8	1.1	4.7

03373980 WHITE RIVER ABOVE PETERSBURG, IN—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	3.9	3.4	3.6	5.7	5.0	5.3	10.8	10.6	10.7	12.4	11.6	12.0
2	3.9	3.7	3.8	5.3	4.6	5.0	12.2	10.7	11.6	12.3	11.8	12.1
3	4.3	3.8	4.0	5.6	4.8	5.2	12.6	11.9	12.3	12.5	11.8	12.2
4	4.5	3.9	4.2	6.2	5.2	5.6	12.8	12.0	12.4	13.2	11.8	12.5
5	4.9	4.2	4.5	6.3	5.7	6.0	13.3	12.5	12.9	14.1	12.5	13.3
6	5.2	4.6	4.9	6.7	5.8	6.2	13.2	12.9	13.1	15.2	13.4	14.3
7	5.6	5.2	5.3	7.3	6.5	6.9	13.6	13.1	13.3	16.3	14.5	15.4
8	6.0	5.6	5.8	7.1	6.6	6.8	14.7	13.4	14.0	17.5	15.7	16.6
9	6.0	5.9	5.9	6.8	6.2	6.5	15.2	14.1	14.7	18.4	17.1	17.8
10	6.0	5.8	5.9	6.5	5.9	6.1	16.0	14.7	15.4	19.9	18.0	18.9
11	6.0	5.7	5.9	6.0	5.7	5.8	17.0	15.8	16.4	21.4	19.6	20.4
12	5.9	5.5	5.7	6.1	5.5	5.8	17.0	16.4	16.6	21.9	20.7	21.3
13	5.5	5.2	5.3	5.9	5.5	5.7	16.4	15.6	16.0	21.9	21.1	21.5
14	5.8	5.2	5.5	6.2	5.0	5.6	15.9	15.1	15.5	21.3	20.4	21.0
15	6.6	5.8	6.2	6.2	5.3	5.8	15.9	14.9	15.4	20.4	18.8	19.7
16	7.3	6.6	7.0	6.7	5.7	6.2	15.9	15.1	15.5	18.8	17.8	18.2
17	7.4	7.1	7.2	7.4	6.0	6.7	16.6	15.2	15.9	18.4	17.6	18.0
18	7.3	6.9	7.1	8.0	6.7	7.4	17.6	15.9	16.7	18.7	17.8	18.2
19	7.1	6.4	6.7	8.6	7.7	8.1	18.3	16.7	17.5	18.5	17.9	18.2
20	6.4	6.0	6.1	8.9	8.2	8.5	18.9	17.3	18.1	18.8	17.6	18.2
21	6.1	6.0	6.1	9.6	8.3	8.9	19.7	18.1	18.9	19.2	18.2	18.7
22	6.0	5.8	5.9	9.3	8.8	8.9	19.7	18.7	19.2	18.7	18.0	18.4
23	5.8	5.6	5.7	8.9	8.7	8.8	18.7	15.8	17.1	19.2	18.2	18.7
24	5.8	5.5	5.7	8.8	8.3	8.6	15.8	14.8	15.2	19.8	18.8	19.3
25	5.9	5.5	5.7	9.8	8.7	9.1	15.3	14.3	14.9	20.1	19.1	19.6
26	6.2	5.5	5.9	10.3	9.8	10.1	15.1	14.5	14.8	20.1	19.4	19.8
27	6.3	5.8	6.1	10.1	9.5	9.9	14.7	13.6	14.0	20.1	19.5	19.8
28	6.2	5.7	6.1	9.5	8.5	8.9	13.6	12.2	13.0	20.8	19.4	20.1
29	---	---	---	9.8	8.7	9.2	12.2	11.6	11.8	21.2	19.8	20.5
30	---	---	---	10.6	9.6	10.1	12.0	11.5	11.8	21.0	20.3	20.7
31	---	---	---	11.0	10.1	10.6	---	---	---	21.5	19.9	20.7
MONTH	7.4	3.4	5.6	11.0	4.6	7.4	19.7	10.6	14.8	21.9	11.6	17.9
		JUNE			JULY			AUGUST			SEPTEMBER	
1	21.2	20.3	20.7	29.6	28.3	29.0	29.4	27.5	28.4	24.9	23.9	24.5
2	20.9	20.4	20.6	29.0	27.4	28.2	30.0	28.0	29.0	25.1	24.1	24.7
3	20.9	20.1	20.5	28.7	26.9	27.9	30.5	28.4	29.4	25.0	24.3	24.7
4	22.4	20.5	21.4	28.7	27.0	27.9	30.6	28.6	29.5	24.7	23.4	24.1
5	23.8	21.8	22.8	28.2	27.2	27.6	30.4	28.9	29.6	24.6	23.4	24.0
6	24.8	23.2	24.0	28.7	26.5	27.5	30.1	28.5	29.2	24.5	23.2	23.9
7	26.1	24.0	25.0	28.7	27.1	27.9	29.7	28.2	29.0	25.1	23.6	24.3
8	26.4	24.9	25.6	29.1	27.0	28.0	29.7	28.2	29.0	25.4	23.8	24.6
9	26.8	25.3	26.0	29.0	27.1	28.1	30.5	28.3	29.3	26.2	24.4	25.3
10	26.6	25.8	26.3	28.8	26.9	27.9	30.4	28.4	29.4	26.7	25.0	25.8
11	26.6	25.8	26.2	28.0	26.0	26.9	30.6	28.6	29.6	26.8	24.9	25.8
12	26.2	23.6	25.1	26.0	24.9	25.4	30.8	28.7	29.8	26.6	25.1	25.8
13	24.6	23.1	23.7	24.9	24.4	24.7	31.0	28.9	29.9	26.4	24.8	25.6
14	25.5	24.3	24.8	25.5	24.4	24.8	30.0	28.6	29.2	25.8	24.9	25.4
15	24.7	23.8	24.2	---	---	---	28.9	27.8	28.1	25.2	24.5	24.8
16	24.4	23.4	23.9	26.0	25.3	25.6	27.8	26.7	27.1	25.1	24.1	24.5
17	24.5	23.8	24.2	27.4	25.1	26.1	26.7	25.9	26.3	24.3	23.2	23.8
18	24.2	23.7	24.0	28.4	26.4	27.3	27.4	26.0	26.6	23.7	22.8	23.2
19	24.1	23.3	23.7	29.0	27.0	27.9	28.9	26.6	27.6	24.1	22.3	23.2
20	24.5	23.2	23.9	30.0	28.2	29.0	29.4	27.8	28.6	24.3	23.0	23.6
21	24.9	23.6	24.3	30.3	28.6	29.5	30.0	27.9	28.9	24.9	23.2	24.0
22	25.7	24.1	24.9	29.9	28.6	29.1	29.5	28.0	28.8	25.2	23.5	24.4
23	26.4	24.7	25.5	30.0	28.4	29.2	28.5	27.2	27.8	25.5	24.4	24.9
24	27.2	25.4	26.3	30.4	28.8	29.6	27.8	26.3	27.1	25.3	24.4	24.9
25	27.8	26.2	27.0	30.8	29.3	30.0	28.0	26.2	27.1	25.0	23.7	24.4
26	28.5	26.8	27.6	30.9	29.6	30.3	27.6	26.7	27.1	24.0	23.4	23.6
27	28.4	27.2	27.9	30.6	28.7	29.5	27.9	26.1	26.9	23.6	22.5	23.1
28	29.1	27.3	28.2	29.0	27.8	28.4	28.0	26.4	27.1	23.1	22.3	22.7
29	29.5	27.8	28.6	28.4	27.1	27.8	27.3	26.3	26.7	22.4	21.3	21.8
30	30.0	28.3	29.1	28.4	26.5	27.5	26.4	23.6	24.9	21.3	20.5	20.9
31	---	---	---	28.9	26.9	27.9	24.7	23.1	23.9	---	---	---
MONTH	30.0	20.1	24.9	30.9	24.4	27.9	31.0	23.1	28.1	26.8	20.5	24.2
YEAR	31.0	0.1	15.7									

03374000 WHITE RIVER AT PETERSBURG, IN

LOCATION.--Lat 38°30'39", long 87°17'22", in SE¼SW¼ sec.15, T.1 N., R.8 W., Pike County, Hydrologic Unit 05120202, (MONROE CITY, IN quadrangle), on left bank 300 ft downstream from bridge on State Highway 61, 0.4 mi upstream from Prides Creek, 1.4 mi north of Petersburg, 2.0 mi west of Arda and at mile 45.7.

DRAINAGE AREA.--11,125 mi^2.

PERIOD OF RECORD.--October 1927 to current year. Monthly discharge only for October 1927, published in WSP 1305. Published as "at Hazleton" October 1927 to September 1938. Records published for both sites October 1937 to September 1938. Gage-height records collected at present site and datum since January 1935 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 1305: 1930(M). WSP 2109: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 400.00 ft above National Geodetic Vertical Datum of 1929. See WSP 1725 for history of changes prior to Apr. 1, 1941.

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

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in March 1913, reached a stage of 29.5 ft, present site and datum, from floodmarks by U.S. Army Corps of Engineers, discharge, 235,000 ft^3/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	1,820	6,350	18,500	20,800	15,100	15,600	22,100	21,000	9,870	4,530	5,460	7,930
2	1,840	9,210	18,100	24,600	14,800	15,100	23,200	18,700	9,550	4,660	4,830	10,500
3	1,830	13,300	18,400	28,600	14,500	14,800	23,100	16,000	9,220	5,160	4,340	10,600
4	1,830	16,400	17,700	38,800	14,200	14,600	21,300	14,100	8,740	5,080	3,980	9,660
5	1,800	16,500	16,500	49,100	13,900	14,300	18,600	12,800	8,010	4,970	3,690	8,270
6	1,790	14,500	15,600	71,000	13,600	13,800	15,800	11,700	7,270	4,760	3,440	6,730
7	1,780	13,000	16,500	93,500	13,900	13,200	13,800	10,600	6,740	4,550	3,240	5,460
8	1,760	11,800	18,900	115,000	16,200	12,900	12,700	9,700	6,250	4,260	3,260	4,600
9	1,750	10,400	19,800	135,000	18,600	12,600	12,100	9,030	5,830	4,010	3,110	4,040
10	1,750	9,000	20,100	148,000	21,800	12,300	11,900	8,400	5,570	3,790	2,980	3,700
11	1,720	9,650	19,800	150,000	24,200	12,200	11,700	7,980	5,410	3,620	2,950	3,430
12	1,740	16,000	19,400	145,000	26,400	11,900	11,300	7,780	6,130	3,620	2,920	3,210
13	1,820	15,700	18,600	136,000	28,400	11,600	11,700	7,760	13,600	3,560	2,840	3,060
14	1,800	15,900	17,200	127,000	31,700	11,300	15,100	9,530	16,700	3,430	2,800	2,920
15	2,030	14,900	15,900	113,000	33,700	11,000	16,200	13,100	19,700	3,390	2,770	2,790
16	1,990	13,600	14,800	104,000	34,000	10,800	14,300	18,500	21,700	3,680	2,860	2,800
17	1,870	12,400	13,500	101,000	33,100	10,600	13,000	20,700	22,300	3,870	3,050	2,780
18	2,880	11,500	11,900	102,000	32,700	10,100	11,600	19,700	18,800	3,500	3,180	2,640
19	8,410	11,200	10,500	100,000	33,100	9,450	10,400	e18,500	14,700	3,790	3,170	2,670
20	12,100	10,800	9,330	95,100	33,200	8,840	9,460	e20,600	11,800	4,970	3,010	3,120
21	12,300	10,300	8,690	85,700	31,900	8,390	8,880	23,300	10,000	5,130	3,080	3,320
22	10,500	10,100	8,270	71,600	27,600	8,180	8,330	26,200	8,810	6,240	3,870	3,970
23	9,240	10,100	7,950	52,600	22,700	8,000	8,000	26,400	7,850	7,050	4,680	4,790
24	9,920	10,300	7,450	36,200	20,000	7,860	8,380	25,400	7,150	7,820	4,880	4,870
25	9,460	10,700	e6,530	25,100	18,600	7,950	11,500	22,400	6,520	8,540	4,320	4,820
26	9,200	11,600	e6,110	20,600	17,700	8,300	15,400	18,100	6,030	8,660	3,700	5,360
27	12,200	13,500	e5,910	18,800	16,800	8,320	19,400	14,700	5,630	8,380	3,210	6,830
28	10,200	15,300	e5,810	17,700	16,100	11,400	22,300	12,800	5,260	7,370	2,880	9,040
29	8,960	16,900	e6,560	16,900	---	15,600	23,500	11,700	4,890	6,280	2,890	10,500
30	8,050	18,300	7,840	16,200	---	19,800	22,700	10,900	4,620	5,630	3,880	10,300
31	7,050	---	15,100	15,600	---	21,300	---	10,300	---	5,840	6,530	---
TOTAL	161,390	379,210	417,250	2,274,500	638,500	372,090	447,750	478,380	294,650	160,140	111,800	164,710
MEAN	5,206	12,640	13,460	73,370	22,800	12,000	14,920	15,430	9,822	5,166	3,606	5,490
MAX	12,300	18,300	20,100	150,000	34,000	21,300	23,500	26,400	22,300	8,660	6,530	10,600
MIN	1,720	6,350	5,810	15,600	13,600	7,860	8,000	7,760	4,620	3,390	2,770	2,640
CFSM	0.47	1.14	1.21	6.60	2.05	1.08	1.34	1.39	0.88	0.46	0.32	0.49
IN.	0.54	1.27	1.40	7.61	2.14	1.24	1.50	1.60	0.99	0.54	0.37	0.55

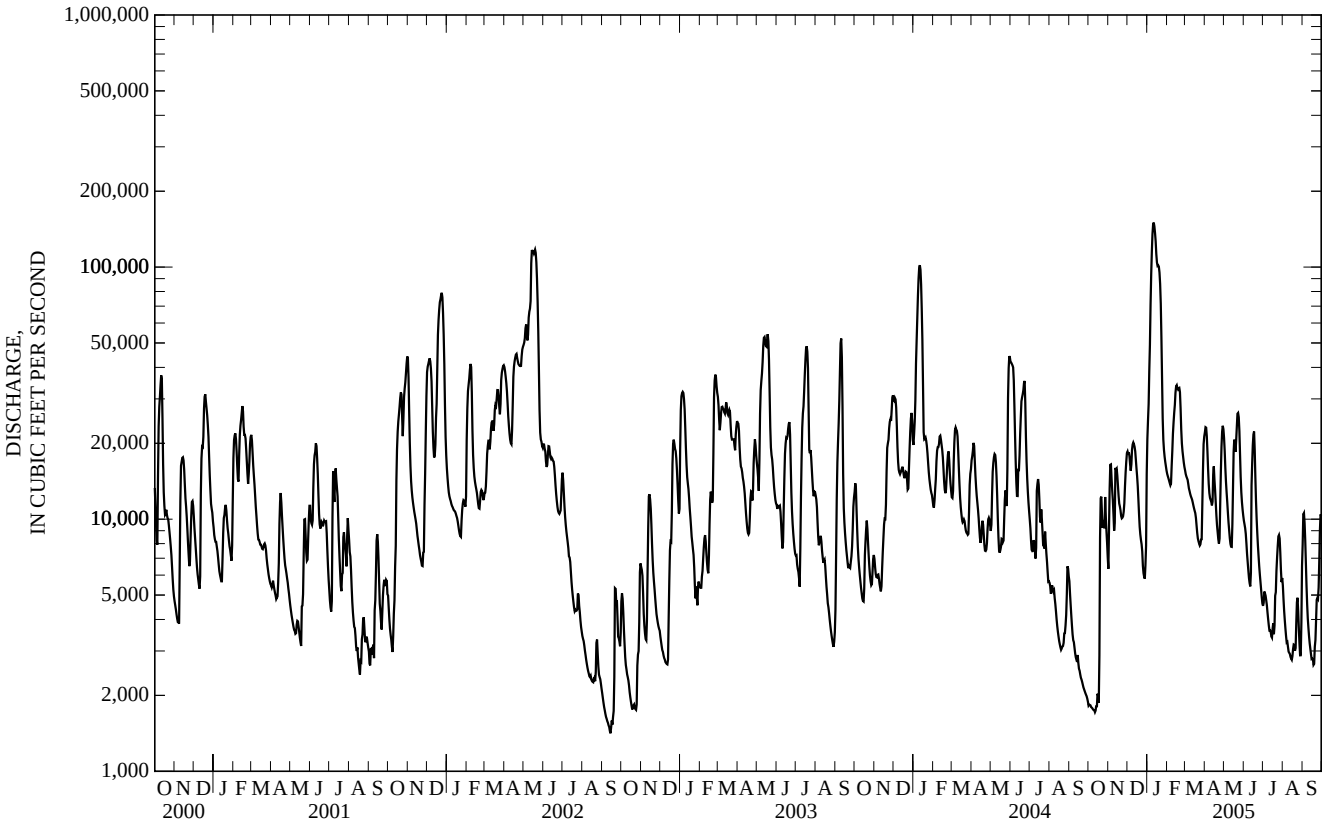
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 2005, BY WATER YEAR (WY)

MEAN	3,578	6,820	11,390	18,010	18,270	22,190	21,790	18,240	11,670	7,635	4,771	3,596
MAX	18,630	46,800	43,000	86,440	67,080	55,340	42,900	70,110	38,550	25,620	39,590	19,640
(WY)	(2002)	(1994)	(2002)	(1950)	(1950)	(1945)	(1944)	(1996)	(1998)	(1958)	(1979)	(1989)
MIN	653	884	861	981	1,388	1,597	3,767	1,597	1,950	1,118	870	878
(WY)	(1941)	(1954)	(1964)	(1977)	(1931)	(1941)	(1941)	(1941)	(1988)	(1954)	(1936)	(1936)

03374000 WHITE RIVER AT PETERSBURG, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1928 - 2005	
ANNUAL TOTAL	5,132,240		5,900,370			
ANNUAL MEAN	14,020		16,170		12,310	
HIGHEST ANNUAL MEAN					22,760	1950
LOWEST ANNUAL MEAN					2,138	1941
HIGHEST DAILY MEAN	102,000	Jan 11	150,000	Jan 11	182,000	Jan 22, 1937
LOWEST DAILY MEAN	1,720	Oct 11	1,720	Oct 11	573	Oct 1, 1941
ANNUAL SEVEN-DAY MINIMUM	1,760	Oct 6	1,760	Oct 6	598	Sep 26, 1941
MAXIMUM PEAK FLOW			151,000	Jan 11	183,000	Jan 22, 1937
MAXIMUM PEAK STAGE			27.64	Jan 11	28.30	Jan 22, 1937
ANNUAL RUNOFF (CFSM)	1.26		1.45		1.11	
ANNUAL RUNOFF (INCHES)	17.16		19.73		15.03	
10 PERCENT EXCEEDS	22,400		25,200		29,900	
50 PERCENT EXCEEDS	10,800		10,500		6,740	
90 PERCENT EXCEEDS	2,860		3,070		1,540	

e Estimated



03374100 WHITE RIVER AT HAZLETON, IN—Continued

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

LOCATION.--Lat 38°29'23", long 87°33'00", in SE¼NW¼ sec 29, T.1 N., R. 10 W., Gibson County, Hydrologic Unit 05120202, (PATOKA, IN quadrangle), on county road bridge 18.8 mi upstream from mouth, 26.8 mi downstream from Petersburg.

DRAINAGE AREA.--11,305 mi^2.

PERIOD OF RECORD.--
CHEMICAL ANALYSES: February 1973 to September 1986, October 2001 to current year.
WATER TEMPERATURE: October 1973 to September 1981, October 2001 to September 2004.
SEDIMENT DISCHARGE: October 1973 to September 1983.
WATER DISCHARGE: October 1927 to September 1938.

REMARKS.--Water discharge obtained from station White River at Petersburg (See station 03374000).

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 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 sampling, samples are only collected at and reported for Sugar Creek at Co. Rd. 400S at New Palestine, IN (394340085524601), and White River at Hazelton, 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: ft^3/s, cubic feet per second)

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 unf ∝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													
18...	1050	11,600	760	11.0	7.6	417	15.0	10.4	22.0	39.3	<0.04	1.49	0.037
JAN													
12...	1220	160,000	741	11.3	7.7	222	21.0	6.7	9.77	13.9	<.04	1.34	E.007
MAR													
09...	1230	13,800	757	12.8	8.0	504	6.0	7.5	26.7	45.3	<.04	2.10	E.005
MAY													
18...	1230	19,700	750	8.3	7.8	408	27.0	18.9	21.0	31.8	E.04	2.43	.030
JUL													
21...	1300	4,890	745	8.8	E8.6	713	33.0	31.4	59.6	81.5	<.04	.75	.023
SEP													
01...	1300	1,220	757	4.2	7.3	374	28.0	25.5	21.6	46.6	.08	.85	.022

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

Date	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	1-Naphthol, water, fltrd 0.7∝m GF ∝g/L (49295)	2,6-Diethylaniline water fltrd 0.7∝m GF ∝g/L (82660)	2Chloro-2',6'-diethyl acetanilide wat flt ∝g/L (61618)	CIAT, water, fltrd, ∝g/L (04040)	2-Ethyl-6-methylaniline water, fltrd, ∝g/L (61620)	3,4-Dichloroaniline water fltrd, ∝g/L (61625)	3,5-Dichloroaniline water, fltrd, ∝g/L (61627)	4Chloro 2methyl phenol, water, fltrd, ∝g/L (61633)	Acetochlor, water, fltrd, ∝g/L (49260)	Alachlor, water, fltrd, ∝g/L (46342)	alpha-Endosulfan, water, fltrd, ∝g/L (34362)
NOV													
18...	0.096	0.20	<0.09	<0.006	<0.005	E0.026	<0.004	<0.004	--	<0.006	0.010	0.009	--
JAN													
12...	.084	.27	<.09	<.006	<.005	E.014	<.004	<.004	--	<.006	.025	.013	--
MAR													
09...	.043	.11	<.09	<.006	<.005	E.025	<.004	E.006	--	<.006	E.005	<.005	--
MAY													
18...	.032	.21	<.09	<.006	<.005	E.316	<.004	<.004	--	<.006	.934	.033	--
JUL													
21...	.007	.24	<.09	<.006	<.005	E.116	<.004	E.009	<.004	<.006	.022	<.005	<.005
SEP													
01...	.046	.28	<.09	<.006	<.005	E.063	<.004	<.004	<.004	<.006	.035	<.010	<.005

03374100 WHITE RIVER AT HAZLETON, IN—Continued

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

Date	Atrazine, water, fltrd, µg/L (39632)	Azinphos-methyl oxon, water, fltrd, µg/L (61635)	Azinphos-methyl, water, fltrd 0.7µm GF µg/L (82686)	Benfluralin, water, fltrd 0.7µm GF µg/L (82673)	Carbaryl, water, fltrd 0.7µm GF µg/L (82680)	Carbofuran, water, fltrd 0.7µm GF µg/L (82674)	Chlorpyrifos oxon, water, fltrd, µg/L (61636)	Chlorpyrifos water, fltrd, µg/L (38933)	cis-Permethrin water fltrd 0.7µm GF µg/L (82687)	cis-Propiconazole, water, fltrd, µg/L (79846)	Cyanazine, water, fltrd, µg/L (04041)	Cyfluthrin, water, fltrd, µg/L (61585)	lambda-Cyhalothrin, water, fltrd, µg/L (61595)
NOV													
18...	0.084	<0.07	<0.050	<0.010	<0.041	--	<0.06	<0.005	<0.006	--	--	<0.008	--
JAN													
12...	.055	<.07	<.050	<.010	<.041	--	<.06	<.005	<.006	--	--	<.008	--
MAR													
09...	.050	<.07	<.050	<.010	<.041	--	<.06	<.005	<.006	--	--	<.027	--
MAY													
18...	7.27	<.07	<.050	<.010	E.007	--	<.06	E.005	<.006	--	--	<.027	--
JUL													
21...	.528	<.07	<.050	<.010	<.041	<.020	<.06	<.005	<.006	<.008	<.018	<.027	<.009
SEP													
01...	.231	<.07	<.050	<.010	<.041	<.020	<.06	<.005	<.006	<.008	<.018	<.027	<.009

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

Date	Cypermethrin water, fltrd, µg/L (61586)	DCPA, water fltrd 0.7µm GF µg/L (82682)	Desulfinyl fipronil, water, fltrd, µg/L (62170)	Diazinon oxon, water, fltrd, µg/L (61638)	Diazinon, water, fltrd, µg/L (39572)	Dicrotophos, water fltrd, µg/L (38454)	Dieldrin, water, fltrd, µg/L (39381)	Dimethoate, water, fltrd 0.7µm GF µg/L (82662)	Disulfoton sulfone water, fltrd, µg/L (61640)	Disulfoton, water, fltrd 0.7µm GF µg/L (82677)	Endosulfan sulfate water, fltrd, µg/L (61590)	EPTC, water, fltrd 0.7µm GF µg/L (82668)	Ethion monoxon water, fltrd, µg/L (61644)
NOV													
18...	<0.009	<0.003	<0.012	<0.01	<0.005	<0.08	<0.009	<0.006	--	--	--	--	<0.002
JAN													
12...	<.009	<.003	<.012	<.01	<.005	<.08	<.009	<.006	--	--	--	--	<.002
MAR													
09...	<.009	<.003	<.012	<.01	<.005	<.08	<.009	<.006	--	--	--	--	<.002
MAY													
18...	<.009	<.003	E.005	<.01	.007	<.08	<.009	<.006	--	--	--	--	<.002
JUL													
21...	<.009	<.003	E.006	--	E.005	<.08	<.009	<.006	<.01	<.02	<.014	<.004	<.002
SEP													
01...	<.009	<.005	E.007	--	<.005	<.08	<.009	<.010	<.01	<.02	<.014	<.004	<.002

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

Date	Ethion, water, fltrd, µg/L (82346)	Ethoprop, water, fltrd 0.7µm GF µg/L (82672)	Fenamiphos sulfone water, fltrd, µg/L (61645)	Fenamiphos sulfoxide, water, fltrd, µg/L (61646)	Fenamiphos, water, fltrd, µg/L (61591)	Desulfinyl-fipronil amide, wat flt µg/L (62169)	Fipronil sulfide water, fltrd, µg/L (62167)	Fipronil sulfone water, fltrd, µg/L (62168)	Fipronil, water, fltrd, µg/L (62166)	Fonofos oxon, water, fltrd, µg/L (61649)	Fonofos water, fltrd, µg/L (04095)	Hexazinone, water, fltrd, µg/L (04025)	Iprodione, water, fltrd, µg/L (61593)
NOV													
18...	<0.004	--	<0.049	<0.04	<0.03	<0.029	<0.013	<0.024	<0.016	<0.003	<0.003	<0.013	<0.387
JAN													
12...	<.004	--	<.049	<.04	<.03	<.029	<.013	<.024	<.016	<.003	<.003	<.013	<.387
MAR													
09...	<.004	--	<.049	<.04	<.03	<.029	<.013	<.024	<.016	--	<.003	<.013	<.538
MAY													
18...	<.004	--	<.049	<.04	<.03	<.029	<.013	<.024	E.008	--	<.003	<.013	<.538
JUL													
21...	<.004	<.005	<.049	<.04	<.03	<.029	<.013	<.024	<.016	--	<.003	<.013	<.538
SEP													
01...	<.004	<.005	<.049	<.04	<.03	E.014	.013	E.014	E.017	--	<.003	<.013	<.538

03374100 WHITE RIVER AT HAZLETON, IN—Continued

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

Date	Isofenphos, water, fltrd, ∝g/L (61594)	Malaoxon, water, fltrd, ∝g/L (61652)	Malathion, water, fltrd, ∝g/L (39532)	Metalaxyl, water, fltrd, ∝g/L (61596)	Methialthion water, fltrd, ∝g/L (61598)	Methyl paraoxon, water, fltrd, ∝g/L (61664)	Methyl parathion, water, fltrd 0.7∝m GF ∝g/L (82667)	Metolachlor, water, fltrd, ∝g/L (39415)	Metribuzin, water, fltrd, ∝g/L (82630)	Molinate, water, fltrd 0.7∝m GF ∝g/L (82671)	Myclobutanil water, fltrd, ∝g/L (61599)	Oxyfluorfen, water, fltrd, ∝g/L (61600)	Pendimethalin, water, fltrd 0.7∝m GF ∝g/L (82683)
NOV 18...	<0.003	<0.030	<0.027	<0.005	<0.006	<0.03	<0.015	0.025	<0.006	--	<0.008	--	<0.022
JAN 12...	<.003	<.030	<.027	<.005	<.006	<.03	<.015	.032	<.006	--	<.008	--	<.022
MAR 09...	<.003	<.030	<.027	<.005	<.006	<.03	<.015	.022	<.006	--	<.008	--	<.022
MAY 18...	<.003	<.030	<.027	<.009	<.006	<.03	<.015	1.22	.013	--	<.008	--	<.022
JUL 21...	<.003	<.030	<.027	<.005	<.006	<.03	<.015	.143	<.006	<.003	<.008	<.007	<.022
SEP 01...	<.003	<.030	<.027	<.005	<.006	<.03	<.015	.105	<.006	<.003	<.008	<.007	<.022

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

Date	Phorate oxon, water, fltrd, ∝g/L (61666)	Phorate water fltrd 0.7∝mGF ∝g/L (82664)	Phosmet oxon, water, fltrd, ∝g/L (61668)	Phosmet water, fltrd, ∝g/L (61601)	Prometon, water, fltrd, ∝g/L (04037)	Prometryn, water, fltrd, ∝g/L (04036)	Propyzamide, water, fltrd 0.7∝m GF ∝g/L (82676)	Propanil, water, fltrd 0.7∝m GF ∝g/L (82679)	Propargite, water, fltrd 0.7∝m GF ∝g/L (82685)	Simazine, water, fltrd, ∝g/L (04035)	Tebuthiuron water fltrd 0.7∝m GF ∝g/L (82670)	Tefluthrin, water, fltrd, ∝g/L (61606)	Terbufos oxon sulfone water, fltrd, ∝g/L (61674)
NOV 18...	<0.10	<0.011	<0.05	<0.008	0.01	<0.005	<0.004	--	--	0.486	<0.02	--	<0.07
JAN 12...	<.10	<.011	--	<.008	E.01	<.005	<.004	--	--	.637	<.02	--	<.07
MAR 09...	<.10	<.011	<.05	<.008	E.01	<.005	<.004	--	--	.139	<.02	--	<.07
MAY 18...	<.10	<.011	<.05	<.008	.03	<.005	<.004	--	--	1.08	<.02	--	<.07
JUL 21...	<.10	<.011	<.05	<.008	.05	<.005	<.004	<.011	<.02	.055	<.02	<.008	<.07
SEP 01...	<.10	<.011	<.05	<.008	.05	<.005	<.004	<.011	<.02	.034	<.02	<.008	<.07

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

Date	Terbufos, water, fltrd 0.7∝m GF ∝g/L (82675)	Terbuthylazine, water, fltrd, ∝g/L (04022)	Thiobencarb water fltrd 0.7∝m GF ∝g/L (82681)	trans-Propiconazole, water, fltrd, ∝g/L (79847)	Tribuphos, water, fltrd, ∝g/L (61610)	Trifluralin, water, fltrd 0.7∝m GF ∝g/L (82661)	Dichlorvos, water fltrd, ∝g/L (38775)	Suspended sediment concentration mg/L (80154)
NOV 18...	<0.02	0.01	--	--	--	<0.009	<0.01	100
JAN 12...	<.02	<.01	--	--	--	<.009	<.01	113
MAR 09...	<.02	<.01	--	--	--	<.009	<.01	43
MAY 18...	<.02	E.01	--	--	--	<.009	<.01	196
JUL 21...	<.02	.05	<.010	<.01	<.004	<.009	<.01	142
SEP 01...	<.02	.01	<.010	<.01	<.004	<.009	<.01	--

03374500 PATOKA RIVER NEAR CUZCO, IN

LOCATION.--Lat 38°26'31", long 86°42'51", in SW¼SW¼ sec.11, T.1 S., R.3 W., Dubois County, Hydrologic Unit 05120209 (CUZCO, IN quadrangle), on right bank 30 ft upstream from bridge on Cuzco Road South, 0.7 mi downstream from Patoka Lake, 2.3 mi south of Cuzco, 4.5 mi upstream from Dillon Creek, and at mile 117.8.

DRAINAGE AREA.--170 mi^2.

PERIOD OF RECORD.--June 1961 to September 1981 (discharge). October 1981 to September 2001 (discharge provided by U.S. Army Corps of Engineers). October 2001 to current year (gage height only).

GAGE.--Water-stage recorder. Datum of gage is 477.00 ft above National Geodetic Vertical Datum of 1929, (levels by State of Indiana, Department of Natural Resources). Prior to Oct. 1, 1961, nonrecording gage on downstream side of bridge, 1.7 mi downstream at same datum. Oct. 1, 1961 to Sept. 30, 1981, water-stage recorder at site described above. Prior to October 1979, published as "near Ellsworth".

REMARKS.--Flow regulated by U.S. Army Corps of Engineers from Patoka Lake since February 1978.

COOPERATION.--Records of discharge provided by U.S. Army Corps of Engineers October 1981 to September 2001.

EXTREMES FOR PERIOD OF RECORD.--(October 2001 to current year) maximum gage height, 10.63 ft, Jan. 20, 21, 2002, minimum gage height, 2.12 ft, June 20, 2002. (June 1961 to September 1981) maximum discharge, 14,700 ft^3/s, Mar. 10, 1964, gage height, 20.02 ft; no flow Oct. 30, 1964.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in March 1913 reached a stage of 19.1 ft according to information by local resident, discharge, 12,300 ft^3/s.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 9.84 ft, Feb. 8; minimum gage height, 2.42 ft, Aug. 4.

DISCHARGE MEASUREMENTS FOR WATER YEARS 2002 THROUGH 2005

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
10-03-01	1418	12.8	3.34	10-08-03	1620	158	4.81
12-05-01	1413	220	5.41	01-26-05	1044	746	8.68
10-03-02	1430	54.8	3.40	06-29-05	0829	17.9	2.57
12-04-02	1029	296	5.78				

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	3.70	3.90	5.20	3.91	9.25	9.18	4.92	4.24	2.63	2.58	2.60	2.98
2	3.70	3.96	6.05	3.86	9.14	9.07	5.64	4.24	2.63	2.58	2.60	2.98
3	3.70	3.85	6.84	7.47	9.18	8.98	5.42	3.40	2.63	2.58	2.60	2.97
4	3.70	3.83	6.83	4.60	9.07	9.04	5.25	3.39	2.62	2.60	3.04	2.97
5	3.69	5.24	6.83	8.10	8.99	8.93	5.41	3.38	2.62	2.57	3.05	2.97
6	3.69	5.21	6.83	5.04	9.15	8.84	5.16	3.38	2.62	2.57	3.05	2.96
7	3.69	5.20	6.87	4.10	9.59	9.06	4.98	3.38	2.62	2.57	3.06	2.96
8	3.69	5.20	6.84	3.99	9.61	8.90	4.81	3.37	2.62	2.57	3.06	2.96
9	3.69	5.20	6.83	3.93	7.65	8.81	4.97	3.37	2.61	2.57	3.06	2.96
10	3.69	5.19	6.82	3.91	7.57	8.74	5.68	3.37	2.61	2.57	3.06	2.96
11	3.69	6.21	6.81	3.91	7.40	9.03	5.68	3.37	2.63	2.64	3.06	2.96
12	3.71	5.24	8.41	3.91	7.64	8.94	5.77	3.37	3.06	2.60	3.06	2.97
13	3.71	5.20	8.35	4.18	7.57	9.01	5.70	2.67	2.63	2.58	3.09	2.97
14	3.72	5.19	8.30	3.94	7.47	8.99	5.69	2.69	2.62	2.58	3.07	2.97
15	3.72	5.19	8.25	5.25	7.25	8.87	5.68	2.66	2.61	---	3.06	2.97
16	3.73	5.18	8.46	5.24	8.64	8.79	5.68	2.64	2.61	2.59	3.06	2.97
17	3.72	5.18	8.38	7.65	8.64	8.72	5.68	2.63	2.60	2.58	3.06	2.97
18	3.95	---	8.38	7.49	8.51	8.90	5.68	2.63	2.60	2.59	3.06	2.97
19	3.73	---	8.39	7.34	8.53	8.80	5.67	2.64	2.60	2.58	3.06	3.03
20	3.73	5.20	8.32	7.70	8.66	8.87	5.67	2.67	2.60	2.58	3.07	2.98
21	3.73	---	8.43	7.56	8.54	7.42	5.67	2.63	2.60	2.58	3.06	2.97
22	3.74	---	8.40	7.63	8.63	5.51	5.70	2.63	2.60	2.59	3.06	2.97
23	3.81	---	8.32	7.74	8.52	5.41	5.70	2.63	2.59	2.59	3.06	2.98
24	3.80	5.22	8.33	8.75	8.65	5.38	5.71	2.63	2.58	2.59	3.06	2.98
25	3.79	5.19	8.25	8.74	9.18	5.20	4.24	2.63	2.58	2.59	3.06	3.01
26	4.06	5.18	8.20	8.65	9.06	5.37	4.28	2.63	2.58	2.59	3.06	2.98
27	3.81	5.30	8.15	9.24	9.17	5.26	4.25	2.64	2.58	2.60	3.06	2.97
28	3.80	5.21	7.21	9.15	9.08	5.27	4.25	2.63	2.57	2.59	3.13	2.99
29	3.80	5.20	7.17	9.08	---	5.47	4.25	2.63	2.57	2.59	3.06	2.98
30	3.82	5.23	6.13	9.19	---	5.23	4.24	2.63	2.57	2.59	3.24	2.97
31	3.83	---	4.01	9.10	---	5.09	---	2.63	---	2.60	2.99	---
MEAN	3.75	---	7.44	6.46	8.58	7.71	5.25	2.98	2.62	---	3.02	2.97
MAX	4.06	---	8.46	9.24	9.61	9.18	5.77	4.24	3.06	---	3.24	3.03
MIN	3.69	---	4.01	3.86	7.25	5.09	4.24	2.63	2.57	---	2.60	2.96

03374500 PATOKA RIVER NEAR CUZCO, IN—Continued

WATER-QUALITY RECORDS

INSTRUMENTATION.--Temperature recorder.

PERIOD OF RECORD.--

WATER TEMPERATURE.--October 1987 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 32.6°C, July 31, 1999; minimum, 0.4°C, Jan. 18, 19, 1994, and Jan. 11, 1996.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 26.8°C, July 25, and 26, minimum, 3.7°C, Feb. 2.

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	23.2	21.9	22.5	17.9	17.1	17.5	11.7	11.3	11.5	6.5	5.9	6.2
2	22.5	21.2	22.0	17.8	16.9	17.5	11.5	11.1	11.3	6.8	5.9	6.4
3	22.1	20.7	21.3	16.9	16.5	16.8	11.2	11.0	11.1	10.1	6.5	7.8
4	21.6	20.4	20.9	16.6	16.1	16.4	11.0	10.8	10.9	8.0	6.3	6.7
5	21.4	19.8	20.5	16.5	15.7	16.1	11.0	10.7	10.8	8.6	6.6	7.6
6	21.3	19.4	20.2	16.4	15.8	16.1	11.0	10.8	10.8	7.3	5.7	6.2
7	21.3	19.7	20.4	16.2	15.7	15.9	11.2	10.9	11.1	5.7	5.5	5.6
8	21.2	20.6	20.9	15.8	15.4	15.6	11.0	10.8	10.9	6.0	5.6	5.7
9	21.2	20.4	20.7	15.7	15.2	15.4	10.8	10.8	10.8	6.1	5.5	5.8
10	20.8	19.9	20.4	15.6	15.1	15.3	10.8	10.6	10.8	5.9	5.8	5.8
11	20.1	19.6	19.8	15.2	13.8	14.6	10.6	10.4	10.5	6.8	5.8	6.3
12	19.7	19.3	19.5	14.8	13.8	14.4	10.4	10.2	10.3	7.5	6.8	7.2
13	19.4	19.0	19.3	14.5	14.0	14.2	10.2	9.7	10	8.4	7.1	7.7
14	19.2	18.5	18.9	14.1	13.7	13.9	9.7	9.1	9.4	7.5	6.4	6.8
15	18.5	17.9	18.2	13.8	13.5	13.6	9.1	8.8	9.0	6.7	6.3	6.5
16	17.9	17.1	17.6	13.8	13.5	13.6	8.8	8.5	8.6	6.4	6.0	6.3
17	17.6	16.7	17.1	13.7	13.4	13.6	8.5	8.2	8.4	6.1	5.8	5.9
18	17.0	16.4	16.8	---	---	---	8.4	8.1	8.2	5.8	5.5	5.7
19	17.4	16.6	17.0	---	---	---	8.2	7.5	7.8	5.5	5.4	5.4
20	17.0	16.7	16.8	13.6	13.4	13.5	7.5	7.1	7.3	5.5	5.3	5.4
21	17.1	16.7	16.9	---	---	---	7.2	7.0	7.1	5.4	5.1	5.3
22	17.4	16.8	17.0	---	---	---	7.0	6.1	6.6	5.2	4.8	5.0
23	17.1	16.9	17.0	---	---	---	6.1	5.7	6.0	4.8	4.6	4.7
24	17.7	16.5	16.9	13.7	13.1	13.4	5.7	5.2	5.4	4.6	4.4	4.5
25	18.1	16.4	17.0	13.1	12.7	12.9	5.2	4.9	5.0	4.8	4.4	4.6
26	17.6	16.9	17.2	12.9	12.6	12.7	5.0	4.8	4.9	4.8	4.5	4.6
27	17.5	16.9	17.1	12.6	12.1	12.3	4.8	4.3	4.6	4.6	4.3	4.5
28	17.6	17.1	17.4	12.3	12.0	12.1	4.3	4.0	4.1	4.3	4.0	4.1
29	18.6	17.4	17.9	12.0	11.9	11.9	4.5	4.2	4.4	4.0	3.8	3.9
30	18.7	17.3	18.1	11.9	11.7	11.8	4.9	4.5	4.6	3.8	3.8	3.8
31	17.7	17.0	17.4	---	---	---	6.7	4.9	6.0	3.9	3.8	3.8
MONTH	23.2	16.4	18.7	17.9	11.7	14.4	11.7	4.0	8.3	10.1	3.8	5.7

03374500 PATOKA RIVER NEAR CUZCO, IN—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	4.0	3.8	3.9	5.3	5.0	5.2	9.2	8.6	8.8	13.9	12.6	13.1
2	3.9	3.7	3.8	5.1	4.9	5.0	8.9	8.4	8.6	13.3	12.7	13.0
3	4.1	3.8	3.9	5.4	4.8	5.1	9.4	8.7	9.0	13.8	12.6	13.1
4	4.3	4.0	4.1	5.3	5.1	5.2	9.9	9.0	9.4	14.7	12.6	13.5
5	4.3	3.9	4.1	5.3	5.0	5.2	10.4	9.2	9.7	15.9	13.0	14.2
6	4.4	4.1	4.3	5.9	5.2	5.5	10.6	9.8	10.1	16.4	13.6	14.8
7	4.5	4.3	4.4	6.0	5.6	5.8	10.8	10.1	10.4	16.4	14.2	15.0
8	4.6	4.5	4.5	5.8	5.5	5.6	10.8	9.8	10.2	17.2	14.3	15.6
9	4.5	4.5	4.5	5.6	5.4	5.5	11.0	10.0	10.4	17.6	15.4	16.3
10	4.5	4.4	4.4	5.5	5.4	5.4	13.3	9.9	11.6	18.1	15.5	16.7
11	4.4	4.2	4.3	5.4	5.4	5.4	14.1	12.2	13.1	18.7	16.5	17.3
12	4.5	4.3	4.4	5.4	5.3	5.3	14.4	13.1	13.8	18.8	16.8	17.7
13	4.8	4.4	4.6	5.4	5.3	5.4	14.4	12.9	13.3	20.4	17.3	18.7
14	5.0	4.8	4.9	5.5	5.1	5.3	13.9	12.8	13.2	19.3	17.7	18.2
15	5.6	4.9	5.2	5.4	5.1	5.2	13.7	12.8	13.3	17.8	15.9	16.8
16	5.4	5.2	5.3	5.8	5.4	5.6	14.4	13.0	13.6	18.6	14.6	16.6
17	5.3	5.1	5.3	5.9	5.6	5.7	14.4	13.2	13.7	19.4	15.5	17.5
18	5.3	5.1	5.1	6.5	5.7	6.1	14.9	13.4	14.1	19.9	16.4	18.1
19	5.3	5.0	5.2	6.4	6.1	6.2	15.3	13.6	14.4	19.5	17.3	18.5
20	5.4	5.2	5.2	6.3	6.1	6.2	15.2	13.7	14.5	19.5	17.0	18.3
21	5.4	5.3	5.4	7.0	6.2	6.7	15.4	14.0	14.9	20.2	17.1	18.6
22	5.4	5.4	5.4	6.9	6.7	6.8	15.8	11.8	14.9	20.0	17.4	18.7
23	5.6	5.3	5.4	6.8	6.7	6.7	12.3	10.8	11.2	20.9	17.3	19.0
24	5.3	5.2	5.3	7.6	6.6	7.0	11.9	11.1	11.5	19.7	16.2	18.0
25	5.4	5.1	5.2	7.8	6.8	7.2	13.3	11.5	12.4	19.9	16.8	18.4
26	5.7	5.1	5.3	7.6	7.1	7.3	13.7	12.8	13.3	20.0	17.1	18.5
27	5.7	5.5	5.6	7.5	7.1	7.4	13.5	12.5	12.9	20.3	17.1	18.7
28	5.6	5.3	5.4	8.2	7.3	7.6	13.5	12.5	13.1	20.7	17.4	18.9
29	---	---	---	8.4	7.3	7.8	13.9	13.4	13.6	20.9	17.0	19.0
30	---	---	---	9.6	7.6	8.5	13.9	12.9	13.5	19.7	18.1	18.8
31	---	---	---	9.6	8.4	9.0	---	---	---	21.5	17.8	19.5
MONTH	5.7	3.7	4.8	9.6	4.8	6.2	15.8	8.4	12.2	21.5	12.6	17.1
		JUNE			JULY			AUGUST			SEPTEMBER	
1	20.2	18.3	19.4	25.5	23.0	24.3	25.6	22.4	24.0	23.5	21.4	22.3
2	19.6	18.7	19.1	25.3	21.8	23.5	26.0	22.7	24.3	23.5	21.0	22.0
3	20.5	18.8	19.5	25.4	21.9	23.7	26.2	23.0	24.5	23.2	21.1	22.0
4	22.0	18.6	20.3	25.6	21.9	23.8	25.3	22.1	23.6	23.5	21.1	22.2
5	23.5	19.8	21.5	24.2	23.0	23.3	23.6	21.8	22.5	23.4	20.9	22.2
6	23.3	20.4	21.8	25.2	22.1	23.5	23.0	21.5	22.3	23.4	21.0	22.2
7	23.6	20.4	22.0	24.8	22.0	23.4	23.8	21.8	22.5	23.9	21.4	22.4
8	24.2	21.0	22.6	25.4	22.2	23.8	24.0	21.5	22.6	23.9	21.5	22.6
9	24.5	21.5	23.0	25.8	22.3	23.9	23.8	21.6	22.5	23.9	22.0	22.8
10	24.5	21.7	23.1	25.4	21.9	23.7	23.9	21.6	22.5	24.2	22.0	22.9
11	23.7	22.4	23.1	24.0	22.4	23.0	23.8	21.8	22.6	23.9	21.6	22.7
12	23.0	20.7	21.7	23.1	21.9	22.6	24.0	21.9	22.7	24.3	22.1	23.0
13	23.4	20.8	22.1	22.4	21.7	21.9	23.9	22.0	22.7	24.1	22.1	22.9
14	24.5	21.7	23.0	23.0	21.9	22.4	23.4	21.0	22.4	23.5	22.1	22.7
15	23.6	20.2	21.8	---	---	---	23.0	21.3	22.0	23.2	22.2	22.6
16	23.2	19.6	21.4	23.6	22.0	22.8	22.1	21.2	21.7	23.2	21.5	22.4
17	23.1	19.6	21.2	23.8	22.2	22.9	22.9	21.2	21.9	23.2	21.4	22.2
18	22.4	19.4	21.0	25.0	22.2	23.5	22.5	20.9	21.7	22.5	21.2	21.8
19	23.3	19.8	21.5	24.7	22.2	23.5	23.6	21.5	22.4	23.7	21.4	22.4
20	23.1	20.0	21.6	25.3	22.4	23.8	23.4	20.8	22.0	23.6	21.4	22.4
21	23.7	20.4	22.1	25.8	22.7	24.2	23.6	20.8	22.3	23.8	21.4	22.6
22	24.3	20.9	22.5	25.4	22.8	24.0	23.1	21.2	21.9	23.9	21.7	22.6
23	24.7	20.8	22.7	26.1	22.8	24.4	23.5	20.9	22.0	23.9	22.1	22.9
24	25.2	21.5	23.3	26.4	23.3	24.8	23.2	20.6	21.7	24.2	22.2	23.1
25	25.7	22.2	23.9	26.8	23.8	25.2	23.1	20.7	21.8	24.1	22.1	22.8
26	25.3	22.6	24.0	26.8	24.1	25.3	22.6	21.1	21.9	24.2	21.8	23.1
27	25.7	23.1	24.3	25.3	23.2	23.9	22.5	21.3	21.8	23.8	21.5	22.6
28	25.9	23.2	24.6	24.9	22.2	23.5	23.3	21.5	22.2	23.8	21.6	22.6
29	26.1	23.2	24.6	25.0	21.4	23.3	23.0	21.2	22.0	22.2	20.3	21.4
30	26.5	23.6	25.0	25.0	21.6	23.4	23.3	21.3	22.0	22.9	20.7	21.7
31	---	---	---	25.2	21.9	23.6	22.9	20.1	21.4	---	---	---
MONTH	26.5	18.3	22.3	26.8	21.4	23.6	26.2	20.1	22.4	24.3	20.3	22.5
YEAR	26.8	3.7	14.9									

03375500 PATOKA RIVER AT JASPER, IN

LOCATION.--Lat 38°24'49", long 86°52'36", in NW¼SE¼ sec.20, T.1 S., R.4 W., Dubois County, Hydrologic Unit 05120209, (JASPER, IN quadrangle), on left bank 0.3 mi upstream from unnamed outlet of Idlewild Lake, 1.2 mi downstream from county road bridge, 1.2 mi downstream from Beaver Creek, 3.3 mi northeast of Jasper, and at mile 91.5.

DRAINAGE AREA.--262 mi^2.

PERIOD OF RECORD.--November 1947 to current year.

REVISED RECORDS.--WSP 1909: 1958. WSP 2109: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 446.00 ft above National Geodetic Vertical Datum of 1929 (levels by State of Indiana, Department of Natural Resources). Nonrecording gage at bridge 5.6 mi downstream, used for high-water periods when flow exceeds about 2,500 ft^3/s, at datum 0.15 ft lower. Prior to Sept. 18, 1956, nonrecording gage at bridge 5.6 mi downstream at datum 0.15 ft lower.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Beaver Creek Reservoir beginning Oct. 11, 1955, and by Patoka Lake beginning Feb. 13, 1978.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in March 1913 reached a stage of 15.9 ft at downstream site, from floodmark furnished by local residents, discharge 16,000 ft^3/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	76	150	449	1,280	857	889	388	164	29	e19	e20	98
2	76	479	426	981	861	884	358	148	31	18	e20	54
3	75	541	430	1,060	866	872	399	139	30	18	19	44
4	76	273	516	1,450	862	854	378	117	30	19	19	40
5	75	178	528	1,970	855	850	329	83	28	18	e19	38
6	76	210	546	2,440	843	846	317	77	27	19	32	37
7	76	263	729	2,290	895	832	297	74	26	18	36	37
8	77	251	820	1,720	1,140	847	282	71	e25	18	36	36
9	77	241	664	1,250	1,240	847	245	68	e25	17	36	36
10	77	236	605	730	1,250	823	233	67	e25	17	36	35
11	76	525	580	392	1,020	806	284	65	e95	18	36	35
12	78	1,150	565	318	773	832	315	65	e172	23	36	35
13	80	1,030	693	458	746	854	405	66	e452	30	37	34
14	79	521	746	856	972	845	396	72	182	29	42	35
15	82	349	737	500	1,070	834	348	124	80	e25	39	35
16	82	310	736	388	910	818	326	78	56	53	40	35
17	80	290	749	372	832	801	313	55	44	84	41	35
18	147	277	752	480	842	785	304	45	37	e36	38	35
19	322	363	744	644	819	782	295	41	33	33	38	34
20	147	426	740	627	815	785	288	268	30	e42	38	41
21	96	351	735	654	878	779	282	141	28	e31	41	41
22	87	317	746	648	895	647	281	70	26	44	38	36
23	89	311	753	636	856	419	305	53	25	76	36	35
24	110	338	745	644	825	350	302	45	23	43	36	34
25	113	424	740	748	817	320	291	39	22	30	36	35
26	104	353	734	799	849	291	216	36	21	e26	38	e40
27	357	334	724	794	868	284	218	34	20	23	40	e38
28	268	548	718	816	873	e863	189	35	20	22	39	e36
29	144	452	683	846	---	e1,110	171	34	19	21	56	e35
30	130	376	904	854	---	838	177	31	e20	21	124	35
31	130	---	1,210	856	---	484	---	29	---	e20	281	---
TOTAL	3,562	11,867	21,447	28,501	25,329	23,071	8,932	2,434	1,681	911	1,423	1,174
MEAN	115	396	692	919	905	744	298	78.5	56.0	29.4	45.9	39.1
MAX	357	1,150	1,210	2,440	1,250	1,110	405	268	452	84	281	98
MIN	75	150	426	318	746	284	171	29	19	17	19	34
CFSM	0.44	1.51	2.64	3.51	3.45	2.84	1.14	0.30	0.21	0.11	0.18	0.15
IN.	0.51	1.68	3.05	4.05	3.60	3.28	1.27	0.35	0.24	0.13	0.20	0.17

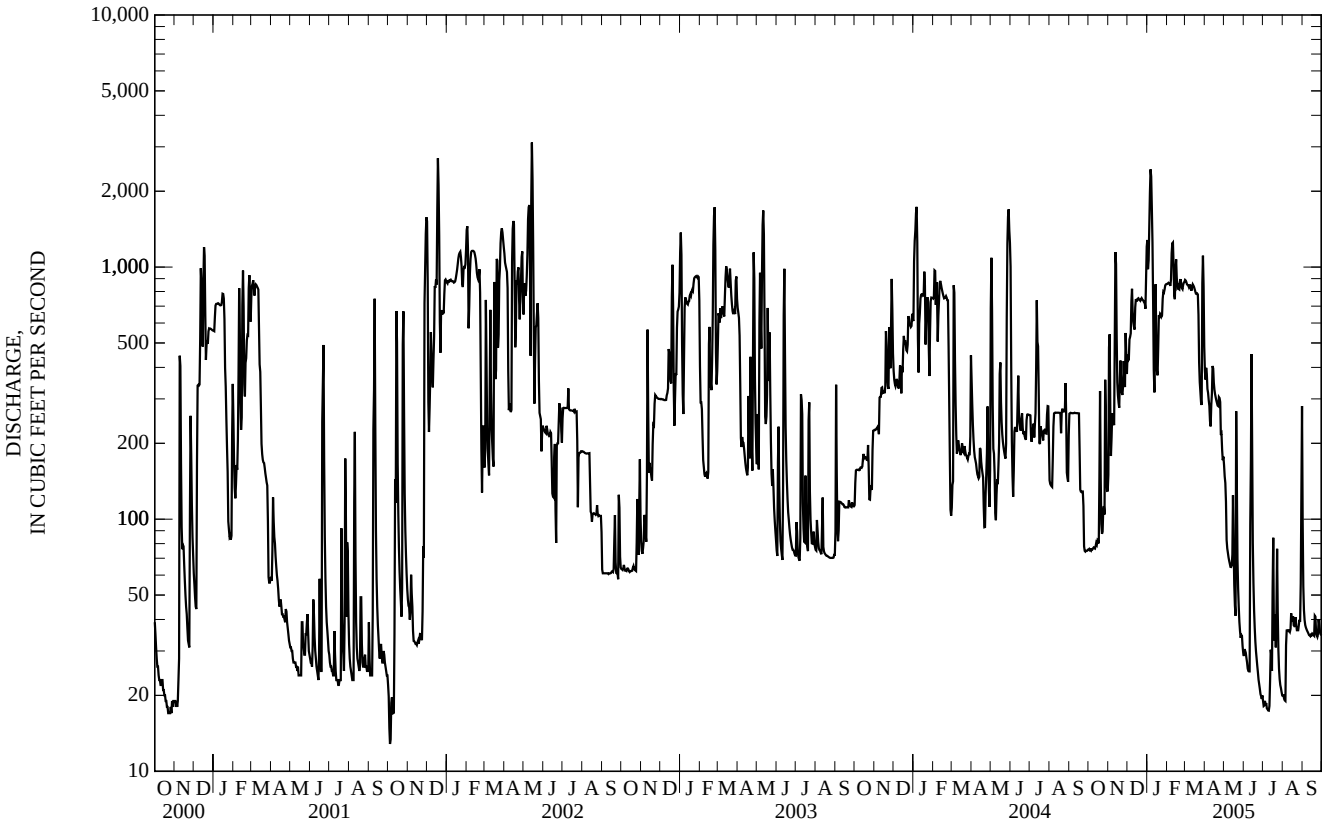
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1949 - 2005, BY WATER YEAR (WY)

MEAN	103	232	437	638	670	756	585	423	206	123	102	91.8
MAX	494	800	1,506	2,742	1,898	2,543	1,574	2,034	1,044	787	530	484
(WY)	(1980)	(1975)	(1952)	(1950)	(1950)	(1964)	(1972)	(1996)	(1996)	(1958)	(1977)	(1979)
MIN	0.00	0.00	0.17	17.5	27.7	144	54.1	29.8	8.66	0.07	0.00	0.00
(WY)	(1949)	(1954)	(1954)	(1964)	(1964)	(1992)	(2001)	(2001)	(1953)	(1954)	(1952)	(1953)

03375500 PATOKA RIVER AT JASPER, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1949 - 2005	
ANNUAL TOTAL	138,407		130,332			
ANNUAL MEAN	378		357		363	
HIGHEST ANNUAL MEAN					673	1950
LOWEST ANNUAL MEAN					63.6	1954
HIGHEST DAILY MEAN	1,730	Jan 6	2,440	Jan 6	13,500	Mar 11, 1964
LOWEST DAILY MEAN	74	Sep 26	17	Jul 9	0.00	Oct 1, 1948
ANNUAL SEVEN-DAY MINIMUM	75	Sep 25	18	Jul 5	0.00	Oct 1, 1948
MAXIMUM PEAK FLOW			2,540	Jan 6	14,100	Mar 11, 1964
MAXIMUM PEAK STAGE			15.32	Jan 6	21.20	Mar 11, 1964
ANNUAL RUNOFF (CFSM)	1.44		1.36		1.38	
ANNUAL RUNOFF (INCHES)	19.65		18.51		18.81	
10 PERCENT EXCEEDS	768		856		1,040	
50 PERCENT EXCEEDS	262		189		140	
90 PERCENT EXCEEDS	112		26		8.3	

e Estimated



03376300 PATOKA RIVER AT WINSLOW, IN

LOCATION.--Lat 38°22'49", long 87°13'00", in SW¼SW¼ sec.32, T.1 S., R.7 W., Pike County, Hydrologic Unit 05120209, (WINSLOW, IN quadrangle), on right bank at abandoned bridge abutment, 65 ft upstream from bridge on State Highway 61, 100 ft downstream from dam of Winslow Water Company, and 41.3 mi above mouth.

DRAINAGE AREA.--603 mi^2.

PERIOD OF RECORD.--October 1963 to September 1974, May 1986 to current year. Discharge measurements and gage readings June 1961 to September 1963, obtained by State of Indiana, Department of Natural Resources, are available in the district office.

GAGE.--Water-stage recorder. Datum of gage is 400.00 ft above National Geodetic Vertical Datum of 1929 (levels by State of Indiana, Department of Natural Resources). Prior to Nov. 21, 1963, nonrecording gage on downstream side of bridge 65 ft downstream at same datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by Patoka Lake. Minor diversion by municipal water supply 100 ft above gage.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in January 1937 reached a stage of 28.9 ft, from floodmarks, information from 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	73	393	1,300	2,230	1,050	1,280	1,910	368	e62	34	32	1,210
2	75	1,150	1,290	2,260	1,050	1,240	1,980	327	e60	32	29	744
3	73	1,650	1,160	2,770	1,060	1,210	1,930	274	e55	30	29	269
4	73	e1,500	1,000	3,360	1,060	1,190	1,730	237	67	28	27	114
5	73	e1,310	887	e4,010	1,060	1,160	1,460	207	62	27	26	83
6	74	e1,130	869	e6,050	1,050	1,130	1,170	167	57	27	28	68
7	73	e930	1,310	e6,730	1,160	1,100	988	131	53	32	41	60
8	73	e610	1,700	e6,910	1,720	1,090	945	118	49	32	42	57
9	73	e480	1,660	e6,380	1,740	1,080	840	112	46	29	42	54
10	74	376	1,660	e5,440	1,720	1,060	686	105	47	27	44	52
11	74	791	1,580	e4,490	1,720	1,060	554	101	137	27	41	50
12	75	2,370	1,430	e4,020	1,730	1,050	559	99	225	33	42	48
13	85	2,170	1,250	e3,680	1,820	1,050	1,190	95	1,480	48	44	46
14	98	2,070	1,100	e3,500	2,080	1,050	1,140	106	1,500	79	57	46
15	104	2,030	1,010	e3,200	2,090	1,040	965	205	1,390	75	75	45
16	99	1,990	964	e2,820	2,020	1,030	779	291	1,010	84	81	45
17	102	1,890	932	e2,480	1,970	1,010	640	203	517	187	68	45
18	150	1,620	914	e2,130	1,910	992	555	134	221	215	66	44
19	861	1,370	903	e1,830	1,850	973	499	103	124	155	59	44
20	943	1,300	883	e1,620	1,790	952	458	316	96	90	57	52
21	614	1,180	863	e1,460	1,770	937	421	e710	78	62	56	87
22	279	1,000	866	e1,340	1,680	927	405	493	69	95	66	94
23	156	839	873	1,250	1,590	945	458	256	63	198	63	69
24	214	775	894	1,140	1,530	969	488	138	57	155	52	56
25	333	932	e902	1,070	1,470	819	447	103	51	106	46	52
26	275	947	899	1,050	1,390	674	433	84	47	78	47	55
27	1,020	835	891	1,040	1,320	588	522	73	41	59	57	82
28	1,230	1,030	881	1,010	1,280	1,530	492	68	43	48	90	88
29	1,040	1,180	904	1,000	---	1,990	426	66	34	41	130	71
30	717	1,180	1,200	1,020	---	1,840	392	68	34	38	562	62
31	461	---	2,170	1,030	---	1,870	---	64	---	35	1,360	---
TOTAL	9,664	37,028	35,145	88,320	43,680	34,836	25,462	5,822	7,775	2,206	3,459	3,892
MEAN	312	1,234	1,134	2,849	1,560	1,124	849	188	259	71.2	112	130
MAX	1,230	2,370	2,170	6,910	2,090	1,990	1,980	710	1,500	215	1,360	1,210
MIN	73	376	863	1,000	1,050	588	392	64	34	27	26	44
CFSM	0.52	2.05	1.88	4.72	2.59	1.86	1.41	0.31	0.43	0.12	0.19	0.22
IN.	0.60	2.28	2.17	5.45	2.69	2.15	1.57	0.36	0.48	0.14	0.21	0.24

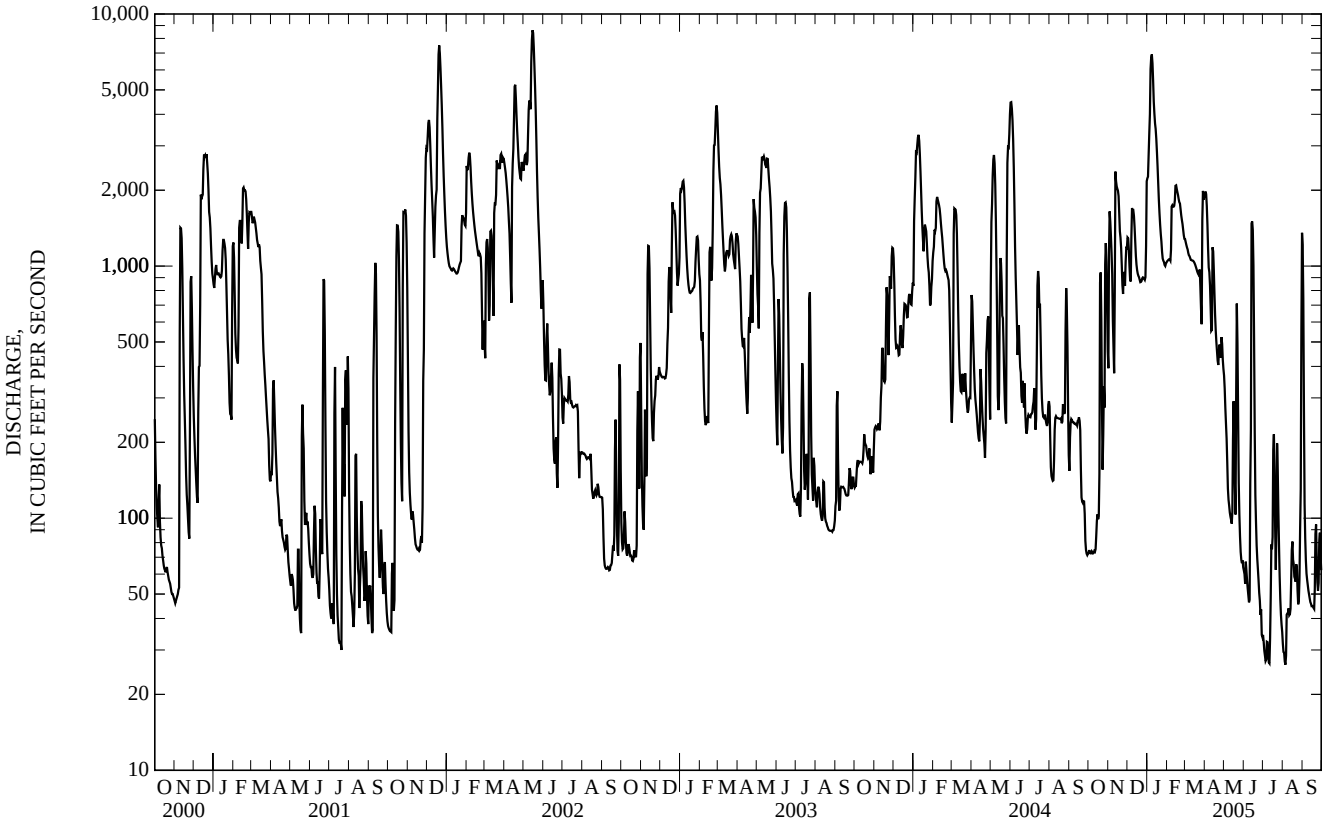
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2005, BY WATER YEAR (WY)

MEAN	172	416	843	1,147	1,359	1,522	1,340	1,157	570	293	186	181
MAX	653	2,218	3,175	2,849	2,832	5,126	3,426	4,863	2,958	1,305	865	708
(WY)	(2002)	(1994)	(2002)	(2005)	(1991)	(1964)	(1972)	(1996)	(1996)	(1969)	(2000)	(1996)
MIN	2.84	6.83	13.8	56.3	45.5	428	131	85.7	13.4	13.5	7.46	0.94
(WY)	(1965)	(1964)	(1964)	(1964)	(1964)	(1969)	(2001)	(1988)	(1972)	(1966)	(1965)	(1972)

03376300 PATOKA RIVER AT WINSLOW, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1964 - 2005	
ANNUAL TOTAL	301,868		297,289			
ANNUAL MEAN	825		814		762	
HIGHEST ANNUAL MEAN					1,332	1997
LOWEST ANNUAL MEAN					224	1992
HIGHEST DAILY MEAN	4,470	Jun 2	e 6,910	Jan 8	15,200	Mar 13, 1964
LOWEST DAILY MEAN	71	Sep 29	26	Aug 5	0.50	Aug 5, 1964
ANNUAL SEVEN-DAY MINIMUM	73	Sep 28	29	Jul 5	0.61	Sep 8, 1972
MAXIMUM PEAK FLOW			unknown	Jan 8	c 15,500	Mar 13, 1964
MAXIMUM PEAK STAGE			26.13	Jan 8	28.84	Mar 13, 1964
ANNUAL RUNOFF (CFSM)	1.37		1.35		1.26	
ANNUAL RUNOFF (INCHES)	18.62		18.34		17.16	
10 PERCENT EXCEEDS	1,820		1,840		2,000	
50 PERCENT EXCEEDS	494		522		317	
90 PERCENT EXCEEDS	159		45		29	

e Estimated
c Backwater



03376350 SOUTH FORK PATOKA RIVER NEAR SPURGEON, IN

LOCATION.--Lat 38°17'49", long 87°15'37", in NW¼SW¼ sec. 36, T. 2 S., R. 8 W., Pike County, Hydrologic Unit 05120209, (OAKLAND CITY, IN quadrangle), on the left bank, 150 ft upstream of the bridge on State Road 61, 0.5 mi north of Enos Corner, and 3.1 mi north of Spurgeon, IN.

DRAINAGE AREA.--42.8 mi^2.

PERIOD OF RECORD.--October 1964 to October 1986. October 1998 to October 2005 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 420.88 ft above National Geodetic Vertical Datum of 1929 (Indiana Flood Control and Water Resources Commission bench mark).

REMARKS.--Records fair except those for Oct. 1 - Nov. 9, estimated daily discharges and those below 80 ft^3/s, which are poor. Runoff affected by unreclaimed surface mined lands.

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	9.4	90	111	176	38	51	44	15	7.0	9.6	8.9	50
2	9.3	452	62	128	38	40	96	13	7.8	8.5	9.1	31
3	8.4	121	46	778	45	37	55	12	8.7	7.8	8.5	21
4	8.9	55	35	350	39	36	37	11	7.8	7.4	8.5	16
5	8.5	33	30	1,030	37	34	31	11	7.1	7.9	8.7	14
6	8.0	27	54	1,280	36	32	27	11	6.6	8.7	8.6	13
7	8.2	23	306	294	150	34	31	11	5.9	11	8.4	12
8	8.5	19	100	245	259	34	29	10	5.8	7.5	8.5	11
9	8.5	18	67	139	107	29	27	9.8	6.1	7.1	9.0	11
10	8.2	18	56	110	75	29	23	10	14	6.8	8.7	10
11	7.7	766	43	105	59	30	21	11	8.6	7.8	8.5	9.6
12	10	559	36	100	54	33	167	9.9	195	13	8.2	9.6
13	19	97	31	464	147	28	157	10	90	13	9.8	9.1
14	11	48	e26	214	194	26	54	30	21	14	19	8.9
15	17	36	e24	107	98	26	31	17	13	e16	11	8.8
16	14	30	e23	87	71	25	25	11	9.7	21	11	11
17	10	28	22	74	56	24	23	9.4	8.3	30	9.6	12
18	273	29	22	71	51	25	21	8.7	7.6	16	9.4	8.5
19	94	106	20	63	46	24	18	9.1	7.3	13	12	8.1
20	26	54	e19	61	74	21	17	236	8.2	12	14	22
21	17	37	e19	58	71	20	16	36	11	12	9.5	13
22	14	36	e18	55	54	20	28	18	9.5	41	8.4	10
23	55	38	e17	55	48	62	27	14	9.7	15	7.9	9.4
24	42	66	e16	46	54	46	17	11	8.8	13	7.9	9.0
25	21	42	e15	45	49	36	15	8.9	9.0	11	7.8	15
26	55	31	e14	43	46	30	35	8.1	9.0	10	13	21
27	384	71	e13	38	42	39	28	8.2	9.8	9.9	23	12
28	52	96	e35	36	54	577	19	10	10	9.6	154	12
29	32	47	e89	42	---	127	20	8.3	10	8.8	314	12
30	32	85	e385	42	---	68	21	7.5	10	9.5	778	9.7
31	22	---	421	39	---	73	---	7.2	---	8.8	184	---
TOTAL	1,293.6	3,158	2,175	6,375	2,092	1,716	1,160	603.1	542.3	386.7	1,706.9	419.7
MEAN	41.7	105	70.2	206	74.7	55.4	38.7	19.5	18.1	12.5	55.1	14.0
MAX	384	766	421	1,280	259	577	167	236	195	41	778	50
MIN	7.7	18	13	36	36	20	15	7.2	5.8	6.8	7.8	8.1
CFSM	0.97	2.46	1.64	4.80	1.75	1.29	0.90	0.45	0.42	0.29	1.29	0.33
IN.	1.12	2.74	1.89	5.54	1.82	1.49	1.01	0.52	0.47	0.34	1.48	0.36

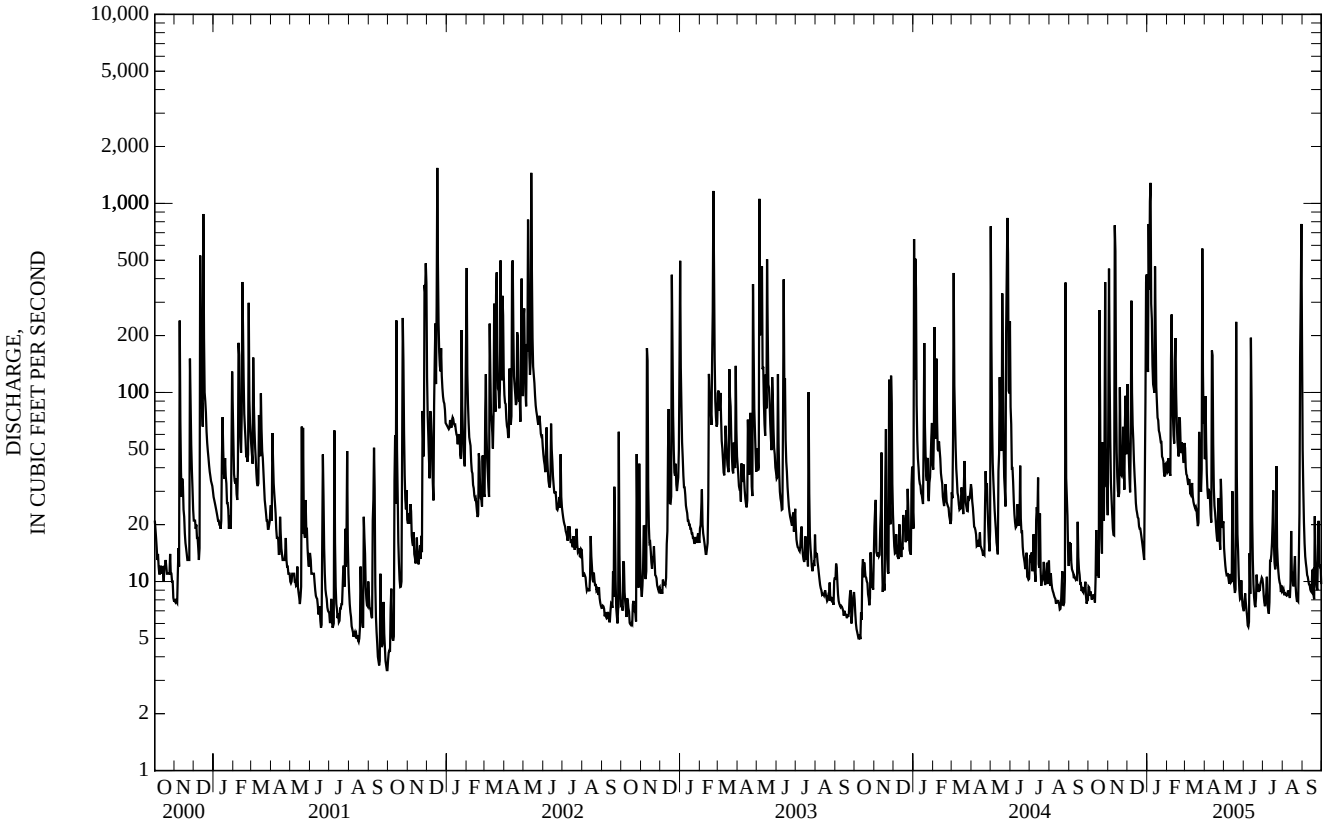
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 2005, BY WATER YEAR (WY)

MEAN	16.6	40.4	60.1	65.4	81.3	90.2	82.9	73.6	42.3	30.1	24.1	16.7
MAX	41.7	136	164	206	229	188	223	263	227	283	127	72.7
(WY)	(2005)	(1986)	(2002)	(2005)	(1985)	(1975)	(1983)	(1983)	(1979)	(1979)	(1979)	(1982)
MIN	3.35	5.51	4.84	0.81	26.1	21.2	19.4	12.5	11.0	6.02	6.83	5.00
(WY)	(1965)	(2000)	(1977)	(1977)	(1978)	(1981)	(2001)	(1965)	(1972)	(1966)	(1999)	(1972)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1965 - 2005	
ANNUAL TOTAL	19,820.5		21,628.3			
ANNUAL MEAN	54.2		59.3		51.8	
HIGHEST ANNUAL MEAN					118	1979
LOWEST ANNUAL MEAN					25.3	1981
HIGHEST DAILY MEAN	838	May 27	1,280	Jan 6	3,640	Jun 9, 1979
LOWEST DAILY MEAN	7.1	Aug 17	5.8	Jun 8	0.00	Jan 20, 1977
ANNUAL SEVEN-DAY MINIMUM	7.6	Aug 12	6.9	Jun 3	0.00	Jan 20, 1977
MAXIMUM PEAK FLOW			2,230	Jan 6	5,900	Jun 9, 1979
MAXIMUM PEAK STAGE			10.98	Jan 6	15.07	Jun 9, 1979
ANNUAL RUNOFF (CFSM)	1.27		1.38		1.21	
ANNUAL RUNOFF (INCHES)	17.23		18.80		16.45	
10 PERCENT EXCEEDS	95		108		110	
50 PERCENT EXCEEDS	24		21		22	
90 PERCENT EXCEEDS	9.2		8.5		6.5	

e Estimated

03376350 SOUTH FORK PATOKA RIVER NEAR SPURGEON, IN—Continued



03376500 PATOKA RIVER NEAR PRINCETON, IN

LOCATION.--Lat 38°23'25", long 87°32'56", in sec. 107, T.1 S., R.10 W., Gibson County, Hydrologic Unit 05120209, (PATOKA, IN quadrangle), on right downstream side of bridge on State Highway 65, 0.5 mi downstream from Indian Creek, 2 mi northeast of Princeton, and at mile 21.4.

DRAINAGE AREA.--822 mi^2.

PERIOD OF RECORD.--August 1934 to current year. Published as "at Patoka" August 1934 to September 1940. Records published for both sites October 1939 to September 1940 (monthly discharge only at present site, for October, November 1939, published in WSP 1305).

REVISED RECORDS.--WSP 1275: 1952. WSP 1335: 1935-36, 1938-39, 1949(M), 1940-50. WSP 1385: 1951-52. WSP 2109: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 390.00 ft above National Geodetic Vertical Datum of 1929. Jan. 21, 1941 to Oct. 23, 1986, water-stage recorder at dam 0.1 mi downstream and at datum 4.14 ft higher. See WSP 1725 for history of changes prior to Jan. 21, 1941.

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

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	90	680	e1,710	2,160	1,290	1,620	2,160	503	131	75	60	1,580
2	92	1,850	1,730	2,280	1,270	1,560	2,190	458	133	78	56	1,290
3	93	2,030	1,650	2,590	1,270	1,510	2,200	409	141	68	56	689
4	92	1,990	1,490	2,790	1,260	1,460	2,190	366	137	61	54	325
5	91	1,960	1,300	3,390	1,250	1,420	2,140	329	136	58	49	194
6	91	1,870	1,220	4,680	1,250	1,380	2,010	294	123	57	44	145
7	92	1,580	1,650	e5,240	1,420	1,340	1,750	249	113	61	46	123
8	96	1,090	1,910	e6,550	1,840	1,310	1,430	217	114	70	56	111
9	101	764	1,950	e7,640	1,920	1,270	1,240	200	111	68	55	103
10	97	577	1,990	e7,880	2,000	1,250	1,030	190	100	66	52	93
11	90	1,190	1,980	e7,620	2,020	1,220	809	186	154	63	53	84
12	100	2,160	1,940	e6,970	2,010	1,210	734	179	887	77	52	78
13	127	2,160	1,850	e6,480	2,120	1,190	1,260	172	1,990	99	54	74
14	149	2,260	1,690	e6,120	2,360	1,180	1,510	234	1,810	113	70	71
15	161	2,320	1,500	e5,640	2,350	1,160	1,340	317	1,720	e139	100	71
16	148	2,340	1,350	e5,080	2,390	1,150	1,090	396	1,540	134	118	69
17	127	2,320	1,250	e4,680	2,400	1,130	879	360	1,050	203	119	65
18	326	e2,280	1,180	e4,390	2,370	1,100	730	274	547	284	97	64
19	979	e2,250	1,120	e4,070	2,340	1,080	644	215	307	260	89	60
20	1,230	e2,190	1,070	e3,720	2,310	1,060	586	1,170	211	194	114	75
21	1,010	e2,020	1,030	e3,410	2,280	1,030	543	904	171	132	104	109
22	563	e1,760	1,020	e3,140	2,230	1,020	528	779	150	252	90	140
23	408	e1,530	1,020	e2,900	2,170	1,030	566	539	132	260	89	126
24	496	1,350	1,060	e2,670	2,090	1,120	595	338	119	284	84	97
25	425	1,300	1,070	e2,420	2,000	1,030	574	243	107	204	72	84
26	581	1,270	1,070	e2,120	1,900	866	549	199	98	154	71	103
27	2,110	1,240	1,060	1,770	1,790	746	644	169	89	118	96	106
28	1,810	1,510	1,040	1,520	1,690	1,740	648	157	86	97	126	118
29	1,670	1,530	1,090	1,400	---	1,970	596	148	81	82	295	119
30	1,330	e1,570	1,510	1,350	---	2,080	550	155	80	73	966	103
31	880	---	2,160	1,320	---	2,150	---	142	---	65	1,670	---
TOTAL	15,655	50,941	44,660	123,990	53,590	40,382	33,715	10,491	12,568	3,949	5,057	6,469
MEAN	505	1,698	1,441	4,000	1,914	1,303	1,124	338	419	127	163	216
MAX	2,110	2,340	2,160	7,880	2,400	2,150	2,200	1,170	1,990	284	1,670	1,580
MIN	90	577	1,020	1,320	1,250	746	528	142	80	57	44	60
CFSM	0.61	2.07	1.75	4.87	2.33	1.58	1.37	0.41	0.51	0.15	0.20	0.26
IN.	0.71	2.31	2.02	5.61	2.43	1.83	1.53	0.47	0.57	0.18	0.23	0.29

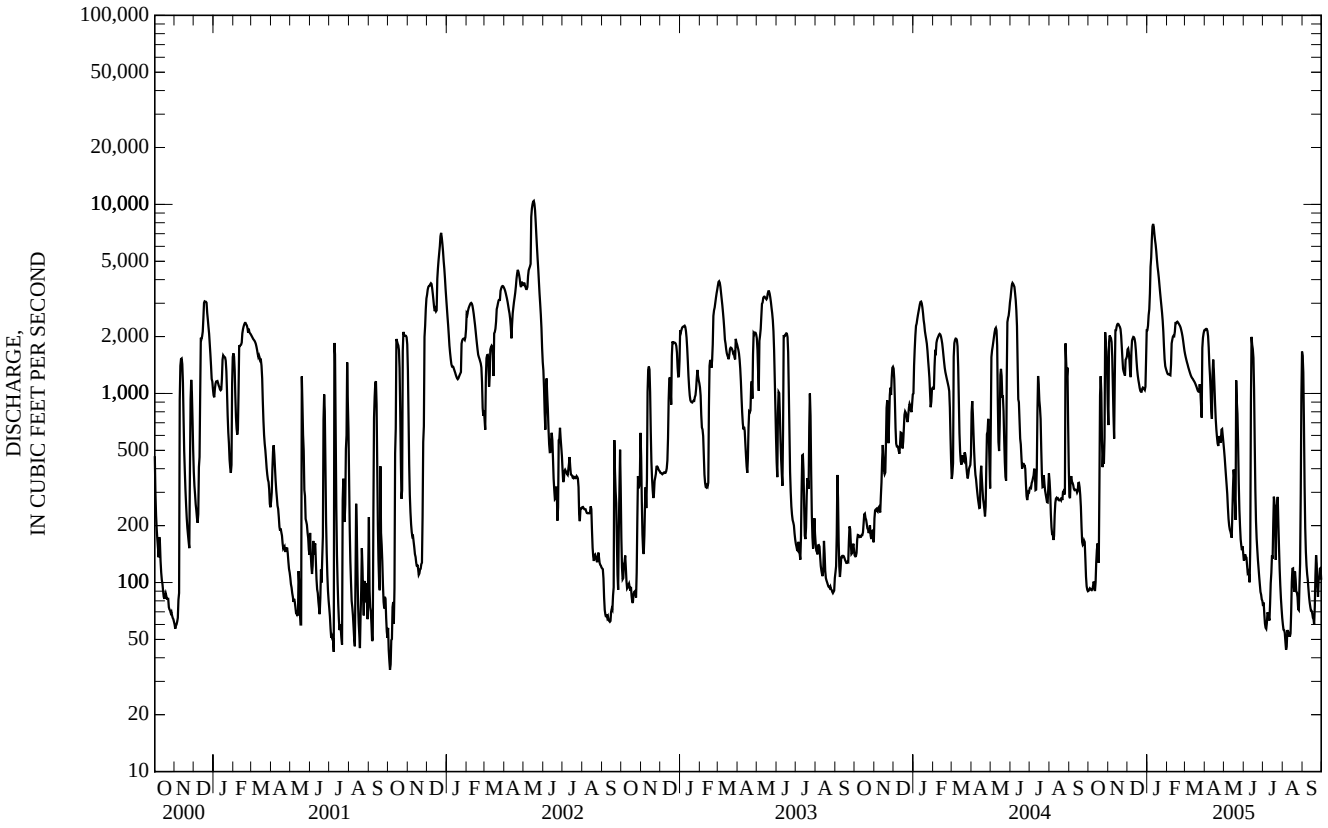
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1935 - 2005, BY WATER YEAR (WY)

MEAN	258	533	1,020	1,558	1,794	2,161	1,911	1,523	819	438	312	229
MAX	2,573	2,978	4,232	8,365	5,570	8,531	4,664	6,810	4,322	3,075	3,915	1,125
(WY)	(1946)	(1994)	(2002)	(1937)	(1950)	(1945)	(1989)	(1961)	(1996)	(1958)	(1979)	(1979)
MIN	1.53	9.83	10.2	44.3	64.2	61.5	240	117	7.93	15.0	4.60	8.12
(WY)	(1943)	(1944)	(1944)	(1944)	(1964)	(1941)	(2001)	(1941)	(1936)	(1944)	(1936)	(1942)

03376500 PATOKA RIVER NEAR PRINCETON, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1935 - 2005	
ANNUAL TOTAL	381,117		401,467			
ANNUAL MEAN	1,041		1,100		1,043	
HIGHEST ANNUAL MEAN					2,080	1950
LOWEST ANNUAL MEAN					151	1954
HIGHEST DAILY MEAN	3,840	Jun 4	e 7,880	Jan 10	18,500	Jan 26, 1937
LOWEST DAILY MEAN	90	Sep 30	44	Aug 6	0.00	Aug 29, 1936
ANNUAL SEVEN-DAY MINIMUM	91	Sep 30	51	Aug 5	0.00	Aug 29, 1936
MAXIMUM PEAK FLOW			unknown	Jan 10	c 18,700	Jan 26, 1937
MAXIMUM PEAK STAGE			22.60	Jan 10	26.80	Jan 26, 1937
ANNUAL RUNOFF (CFSM)	1.27		1.34		1.27	
ANNUAL RUNOFF (INCHES)	17.25		18.17		17.23	
10 PERCENT EXCEEDS	2,230		2,270		2,830	
50 PERCENT EXCEEDS	749		809		393	
90 PERCENT EXCEEDS	240		76		30	

e Estimated
c Backwater



03377500 WABASH RIVER AT MOUNT CARMEL, IL

LOCATION.--Lat 38°24'07", long 87°45'10", in SE¼NW¼ sec.28, T.1 S., R.12 W., Wabash County, Illinois, Hydrologic Unit 05120113, (MOUNT CARMEL, IL-IN quadrangle), on right bank on downstream side of Southern Railway bridge at Mount Carmel, 0.2 mi downstream from Patoka River, 0.2 mi upstream of State Road 64 bridge, and at mile 94.4.

DRAINAGE AREA.--28,635 mi^2.

PERIOD OF RECORD.--January 1908 to September 1913 (gage heights only), October 1927 to current year. Gage-height records collected in this vicinity November 1874 to December 1878, are contained in files of Louisville office of the U.S. Army Corps of Engineers and since June 1884, are contained in reports of National Weather Service.

REVISED RECORDS.--WDR IN-73-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 369.46 ft above National Geodetic Vertical Datum of 1929. Oct. 1, 1949, to Feb. 8, 1977, at datum 2.00 ft higher. See WSP 1725 for history of changes prior to Sept. 30, 1949.

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

EXTREMES OUTSIDE THE PERIOD OF RECORD.--(1874-78, 1884 to 1985) Maximum discharge, 428,000 ft^3/s Mar. 30, 1913, gage height, 33.0 ft, present site and datum.

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	5,430	15,700	e56,000	34,000	59,200	60,400	41,900	42,600	17,900	9,470	11,100	11,400
2	5,340	21,600	58,100	39,500	56,500	57,400	42,100	40,500	17,200	9,280	10,700	12,500
3	5,310	36,300	58,900	47,000	54,300	54,400	42,100	37,000	16,600	9,320	9,730	13,900
4	5,240	40,400	59,700	64,000	52,200	51,300	40,700	33,000	16,000	9,780	8,770	13,400
5	5,130	41,700	59,000	78,700	50,100	48,100	38,000	29,700	15,300	9,830	7,950	12,100
6	5,190	40,400	57,400	100,000	48,200	44,700	34,500	27,200	14,300	9,810	7,370	10,600
7	5,280	36,500	57,900	121,000	47,500	41,500	31,100	24,500	13,400	9,740	6,960	9,080
8	5,420	32,900	61,700	155,000	50,500	39,000	28,200	22,100	12,900	9,800	6,740	7,930
9	5,440	29,800	64,100	200,000	54,100	37,200	26,500	20,300	12,300	9,520	6,560	7,290
10	5,360	26,300	65,500	236,000	57,600	36,500	25,500	19,000	11,800	8,900	6,350	6,690
11	5,210	24,200	65,800	257,000	60,800	36,000	24,500	18,000	11,900	8,220	6,160	6,240
12	5,360	32,200	65,400	267,000	62,800	34,800	23,900	17,500	14,000	7,950	6,020	5,900
13	5,580	36,900	64,500	268,000	64,800	33,000	25,900	17,000	25,800	7,810	5,870	5,640
14	5,590	36,200	62,900	263,000	69,900	31,100	31,000	18,200	30,900	7,550	5,850	5,400
15	6,390	32,600	60,700	254,000	73,800	29,400	34,600	22,600	33,500	7,250	6,270	5,170
16	6,660	28,600	58,300	242,000	76,800	28,000	32,000	28,300	35,000	7,490	6,470	5,040
17	6,170	25,900	55,700	232,000	78,500	26,800	28,700	32,700	37,000	7,740	6,630	4,940
18	7,630	23,900	52,400	228,000	79,600	25,800	25,900	33,300	37,400	7,730	6,930	4,910
19	20,000	23,600	46,200	227,000	80,200	24,700	23,300	32,200	32,700	7,400	7,080	4,850
20	29,200	25,200	38,200	225,000	81,200	23,400	21,200	34,600	27,100	7,780	7,260	5,190
21	29,800	25,700	32,000	219,000	82,500	22,200	19,700	36,000	22,400	8,930	7,080	5,590
22	24,000	24,100	28,200	e206,000	82,700	21,500	18,900	38,100	19,000	9,800	7,280	5,950
23	19,200	22,600	25,700	e189,000	80,500	21,100	18,500	40,400	16,600	11,400	7,390	6,520
24	20,000	22,300	23,600	e163,000	76,300	20,800	21,400	39,400	14,900	14,000	7,830	7,660
25	21,300	26,900	21,800	135,000	72,000	20,900	26,700	37,100	13,600	16,900	8,080	8,120
26	19,100	34,200	19,800	112,000	68,900	20,900	31,100	33,300	12,500	17,900	7,680	8,400
27	26,200	38,700	18,200	92,500	66,000	21,100	35,000	28,600	11,600	17,000	6,870	9,060
28	e28,000	45,500	17,200	79,700	63,200	25,900	38,900	24,500	11,000	15,100	6,180	10,600
29	23,200	50,200	17,000	72,100	---	31,600	41,800	21,700	10,400	12,900	5,930	13,100
30	19,900	e54,000	18,500	66,900	---	35,900	43,200	20,000	9,810	11,200	6,950	14,800
31	17,300	---	25,600	62,700	---	40,800	---	18,900	---	10,700	12,000	---
TOTAL	398,930	955,100	1,416,000	4,936,100	1,850,700	1,046,200	916,800	888,300	574,810	318,200	230,040	247,970
MEAN	12,870	31,840	45,680	159,200	66,100	33,750	30,560	28,650	19,160	10,260	7,421	8,266
MAX	29,800	54,000	65,800	268,000	82,700	60,400	43,200	42,600	37,400	17,900	12,000	14,800
MIN	5,130	15,700	17,000	34,000	47,500	20,800	18,500	17,000	9,810	7,250	5,850	4,850
CFSM	0.45	1.11	1.60	5.56	2.31	1.18	1.07	1.00	0.67	0.36	0.26	0.29
IN.	0.52	1.24	1.84	6.41	2.40	1.36	1.19	1.15	0.75	0.41	0.30	0.32

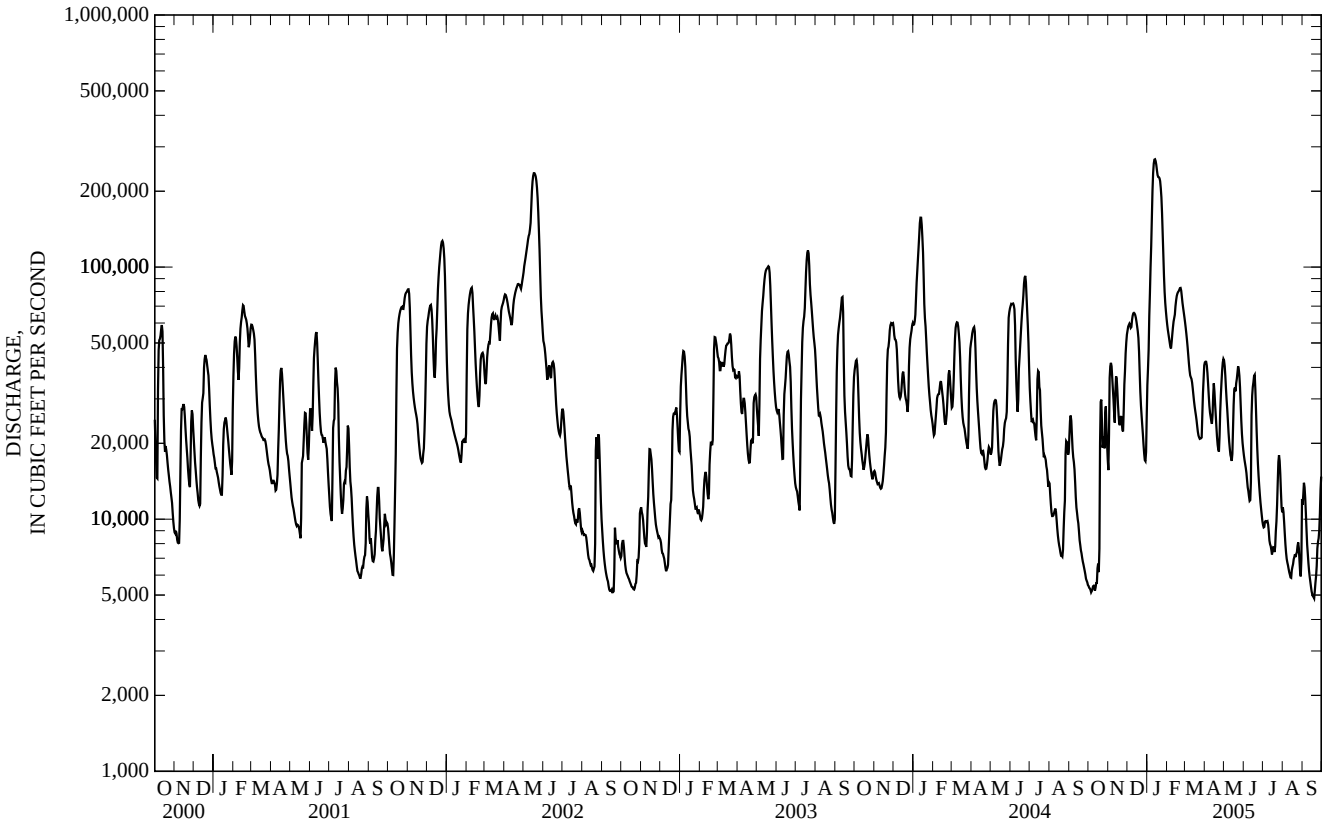
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 2005, BY WATER YEAR (WY)

MEAN	9,954	15,940	26,160	38,990	41,120	49,450	49,410	42,690	29,190	19,730	12,100	9,345
MAX	42,230	87,950	92,340	199,300	147,100	108,700	106,400	148,200	80,120	73,580	75,530	50,670
(WY)	(2002)	(1994)	(1986)	(1950)	(1950)	(1985)	(1938)	(2002)	(1998)	(1958)	(1979)	(1989)
MIN	2,465	2,632	2,266	2,861	3,758	4,815	11,900	5,805	5,035	3,366	2,372	2,572
(WY)	(1941)	(1931)	(1964)	(1977)	(1931)	(1941)	(1941)	(1934)	(1988)	(1936)	(1936)	(1940)

03377500 WABASH RIVER AT MOUNT CARMEL, IL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1928 - 2005	
ANNUAL TOTAL	12,145,660		13,779,150			
ANNUAL MEAN	33,180		37,750		28,610	
HIGHEST ANNUAL MEAN					56,740	1950
LOWEST ANNUAL MEAN					6,144	1941
HIGHEST DAILY MEAN	157,000	Jan 12	268,000	Jan 13	302,000	May 25, 1943
LOWEST DAILY MEAN	5,130	Oct 5	4,850	Sep 19	1,650	Sep 27, 1941
ANNUAL SEVEN-DAY MINIMUM	5,270	Oct 2	5,070	Sep 14	1,700	Dec 19, 1963
MAXIMUM PEAK FLOW			269,000	Jan 13	305,000	May 25, 1943
MAXIMUM PEAK STAGE			33.95	Jan 13	33.95	Jan 13, 2005
ANNUAL RUNOFF (CFSM)	1.16		1.32		0.999	
ANNUAL RUNOFF (INCHES)	15.78		17.90		13.57	
10 PERCENT EXCEEDS	64,600		70,700		68,000	
50 PERCENT EXCEEDS	25,600		24,500		17,000	
90 PERCENT EXCEEDS	7,820		6,440		4,450	

e Estimated



03378500 WABASH RIVER AT NEW HARMONY, IN

LOCATION.--Lat 38°07'53", long 87°56'32"in SE¼SE¼ sec.35, T.4 S., R.14 W., Posey County, Hydrologic Unit 05120113, (NEW HARMONY, IN quadrangle), at bridge on State Highway 66 at New Harmony, at Indiana-Illinois state line, 2.3 mi downstream from (Wabash River including Black River, Hoggatt 1975), and at mile 53.1.

DRAINAGE AREA.--29,234 mi^2.

WATER STAGE RECORDS

PERIOD OF RECORD.--August 1988 to current year. Water discharge published October 1938 to September 1947.

GAGE.--Water-stage recorder. Datum of gage is 353.07 ft above National Geodetic Vertical Datum of 1929. (Prior to October 2004 erroneously published as 353.20 ft above National Geodetic Vertical Datum of 1929 and prior to October 1992, erroneously published as 353.30 ft above National Geodetic Vertical Datum of 1929).

REMARKS.--Water-quality data collected (by USGS Kentucky district) October 1974 to 1986; 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 23.84 ft. May 26, 1943. Beginning August 1988, minimum gage height 0.46 ft. Oct. 12, 1988.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of March 1913 reached a stage of 27.7 ft. Flood of Jan. 31, 1937, reached a stage of 24.4 ft.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 23.24 ft, Jan. 13 and 14; mimimum gage height, 1.29 ft, Sept. 20.

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	1.42	4.11	12.29	8.00	---	13.28	---	---	4.52	---	2.91	3.03
2	1.38	5.71	12.56	9.04	---	12.82	---	---	---	---	2.88	---
3	1.36	8.44	12.72	10.82	---	12.26	---	8.58	4.15	---	2.68	---
4	1.35	9.22	12.84	13.40	---	11.68	---	7.76	4.01	---	2.45	---
5	1.31	9.54	12.76	15.42	---	11.03	8.88	7.08	3.87	---	2.24	---
6	1.32	9.33	12.51	---	---	10.36	8.20	6.53	---	---	2.09	2.91
7	1.35	8.58	12.83	---	---	9.68	7.50	5.96	---	---	1.97	2.61
8	1.37	7.74	13.23	---	---	9.12	6.88	5.44	3.39	2.65	1.93	2.26
9	1.40	7.00	13.60	---	---	8.73	6.48	5.04	3.25	2.57	1.85	2.09
10	1.39	6.28	13.80	---	12.70	8.56	6.24	4.80	3.11	2.41	1.77	1.95
11	1.35	6.48	13.82	---	13.14	8.44	---	---	3.09	2.29	1.73	1.79
12	1.39	7.80	13.78	22.95	13.42	8.21	5.90	---	3.57	2.18	1.64	1.73
13	---	8.61	13.64	23.18	13.94	7.84	6.37	---	6.23	2.13	1.62	1.61
14	1.47	8.51	13.43	23.03	14.62	7.45	7.34	---	7.15	2.07	1.61	1.50
15	1.60	7.83	13.12	22.76	15.00	7.08	8.01	5.42	7.62	---	1.67	1.45
16	1.74	6.90	12.76	22.43	15.24	6.78	7.59	6.61	7.91	2.11	1.75	1.39
17	1.62	6.23	12.30	---	15.36	6.52	6.90	7.49	8.35	2.11	1.76	1.35
18	2.10	5.80	11.74	---	15.42	6.29	6.33	7.59	8.32	2.14	1.86	1.33
19	4.92	5.86	---	---	15.48	---	5.78	7.32	7.46	2.04	1.92	1.31
20	6.83	6.08	---	---	15.56	---	5.29	8.13	6.38	2.07	1.97	1.35
21	6.95	6.12	---	---	15.64	---	4.99	8.23	5.40	2.37	1.97	1.47
22	5.80	5.80	6.90	---	15.68	---	4.81	8.59	4.68	2.57	1.97	1.55
23	4.78	5.48	6.25	---	15.62	---	4.81	9.01	4.16	2.87	1.97	1.70
24	4.92	5.48	5.74	---	15.36	---	5.16	8.89	3.79	3.45	2.09	2.05
25	5.11	6.35	5.30	---	14.97	---	6.28	8.48	3.50	4.08	2.25	2.27
26	4.76	7.82	4.84	18.24	14.58	---	7.21	7.75	3.26	4.38	2.23	2.27
27	6.66	8.76	4.47	---	14.17	---	7.98	6.81	3.06	4.25	1.97	2.41
28	6.99	10.08	4.22	---	13.75	---	8.78	5.93	---	3.87	1.75	2.74
29	5.87	10.98	4.20	---	---	7.79	9.36	5.33	---	3.42	1.63	3.27
30	5.10	11.76	4.80	---	---	8.58	---	4.93	---	3.03	2.19	---
31	4.49	---	6.37	---	---	9.38	---	4.68	---	2.88	3.17	---
MEAN	---	7.49	---	---	---	---	---	---	---	---	2.05	---
MAX	---	11.76	---	---	---	---	---	---	---	---	3.17	---
MIN	---	4.11	---	---	---	---	---	---	---	---	1.61	---

03378500 WABASH RIVER AT NEW HARMONY, IN—Continued

(National Stream-Quality Accounting Network station)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--

CHEMICAL ANALYSES.--October 1974 to 1986. Data collected for water years 1997 and 1998 were published in the Kentucky Water Resources Data reports, and are stored in the Indiana NWIS/QW data base. October 1999 to current year.

SEDIMENT DISCHARGE.--Partial record station--October 1974 to 1985.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE.--October 1974 to September 1980.

WATER TEMPERATURES.--October 1974 to September 1980.

REMARKS.--Water discharge obtained from station Wabash River at Mount Carmel, IL. (03377500). Water quality data obtained from USGS Kentucky district office.

(---, no data; E, laboratory estimated value; M, presence of material verified but not quantified; ft^3/s, cubic feet per second; <, numeric result is less than the value shown)

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

Date	Time	Sample type	Instantaneous discharge, ft^3/s (00061)	UV absorbance, 254 nm, wat flt units /cm (50624)	UV absorbance, 280 nm, wat flt units /cm (61726)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf ∝S/cm 25 deg C (00095)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)
NOV												
18...	1210	Environmental	25,800	0.143	0.108	10.7	7.7	476	11.0	210	56.0	17.2
DEC												
13...	1330	Environmental	61,000	.158	.121	10.2	7.7	447	8.0	210	55.3	16.6
JAN												
14...	1230	Environmental	263,000	.155	.119	10.8	7.6	235	6.5	130	35.4	10.1
FEB												
02...	1310	Environmental	58,800	.116	.087	12.6	7.6	458	3.0	220	58.1	17.4
02...	1318	Field Blank	--	--	--	--	--	--	--	--	.09	E.006
MAR												
22...	1210	Environmental	21,400	.070	.051	14.3	8.2	584	9.5	290	77.7	24.1
22...	1218	Field Blank	--	.004	.004	--	--	--	--	--	--	--
APR												
05...	1250	Environmental	37,900	.113	.085	10.9	8.0	455	14.0	210	54.4	16.9
05...	1300	Replicate	--	.110	.082	--	--	--	--	210	55.9	17.3
18...	1230	Environmental	26,500	.098	.073	11.5	8.0	496	18.0	220	58.6	18.6
18...	1238	Field Blank	--	--	--	--	--	--	--	--	--	--
MAY												
11...	1230	Environmental	20,600	--	--	13.5	8.2	560	21.0	260	64.9	24.3
11...	1238	Field Blank	--	--	--	--	--	--	--	--	--	--
24...	1150	Environmental	38,600	.114	.086	11.2	7.6	432	20.5	200	51.9	17.1
JUN												
07...	1240	Environmental	13,500	.074	.055	10.3	8.2	561	26.0	260	64.6	23.9
07...	1250	Replicate	--	.074	.055	--	--	--	--	260	63.8	23.8
16...	1210	Environmental	36,400	.129	.097	6.0	7.5	462	26.0	200	51.0	18.8
21...	1210	Environmental	23,700	.120	.089	8.1	7.7	483	25.5	220	57.1	18.8
21...	1218	Field Blank	--	--	--	--	--	--	--	--	--	--
AUG												
10...	1130	Environmental	6,340	.091	.067	8.2	8.2	492	30.5	200	39.3	24.7
SEP												
07...	1240	Environmental	10,100	.120	.089	8.6	7.8	430	26.0	180	46.8	15.9

03378500 WABASH RIVER AT NEW HARMONY, IN—Continued

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

Date	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)
NOV													
18...	4.56	14.4	147	179	22.7	0.2	9.23	47.6	290	0.39	0.77	E0.03	2.37
DEC													
13...	3.99	10.2	136	166	20.5	.2	9.68	35.4	263	.42	.83	<.04	4.01
JAN													
14...	3.92	6.2	88	107	12.4	.2	6.99	19.4	166	.41	.81	E.04	2.58
FEB													
02...	3.40	11.8	151	184	20.3	.2	8.27	39.6	269	.35	.58	E.02	2.86
02...	E.007	<.20	--	--	.09	.02	.06	.02	--	--	--	--	--
MAR													
22...	2.47	16.5	180	219	28.5	.2	3.33	53.7	348	.24	.86	<.04	2.27
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
05...	2.61	13.9	132	162	22.9	.2	4.45	43.8	266	.31	.89	<.04	2.40
05...	2.72	13.9	--	--	22.8	.2	4.55	43.9	259	.33	.86	<.04	2.40
18...	2.65	15.2	150	183	24.2	.2	1.98	51.8	283	.32	.98	<.04	1.95
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
11...	2.48	18.4	172	210	30.9	.2	.73	52.1	328	.35	1.5	<.04	2.59
11...	--	--	--	--	--	--	--	--	--	--	--	E.005	E.008
24...	3.07	12.8	139	170	19.7	.2	5.64	38.7	276	.39	1.3	<.04	2.99
JUN													
07...	2.51	18.2	179	218	30.1	.2	1.44	55.3	317	.29	1.1	<.04	1.31
07...	2.52	18.0	179	218	30.1	.2	1.41	55.4	318	.31	1.1	<.04	1.32
16...	4.36	16.0	128	156	24.7	.2	6.42	50.2	277	.42	1.5	E.04	4.07
21...	3.74	14.2	145	177	25.2	.2	8.65	41.8	287	.43	1.1	<.04	4.87
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
10...	3.58	26.5	136	154	40.0	.3	.09	60.2	292	.40	1.1	<.04	<.06
SEP													
07...	3.75	17.8	122	148	26.1	.2	5.33	46.9	247	.36	1.0	<.04	.64

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

Date	Nitrite water, fltrd, mg/L as N (00613)	Particulate nitrogen, susp, water, mg/L (49570)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inorganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)	Pheophytin a, phytoplankton, ∝g/L (62360)	Chlorophyll a phytoplankton, fluoro, ∝g/L (70953)	Arsenic water, fltrd, ∝g/L (01000)	Boron, water, fltrd, ∝g/L (01020)
NOV													
18...	E0.006	0.31	0.096	0.113	0.23	2.9	<0.1	2.9	4.8	E5.2	E8.0	1.1	68
DEC													
13...	.013	.44	.101	.126	.26	4.2	<.1	4.2	5.1	--	--	1.0	40
JAN													
14...	.014	.39	.114	.124	.25	3.2	<.1	3.2	4.6	--	--	.9	21
FEB													
02...	.012	.34	.093	.108	.21	3.2	<.1	3.2	3.6	--	--	.8	53
02...	--	--	--	--	--	--	--	--	--	--	--	<.2	<8
MAR													
22...	E.006	.52	<.006	.007	.13	3.4	.2	3.3	2.3	9.8	42.1	.8	86
22...	--	<.02	--	--	--	<.1	<.1	<.1	.5	--	--	--	--
APR													
05...	.008	.25	.030	.045	.19	2.3	<.1	2.2	3.4	5.2	20.5	.8	56
05...	E.007	.39	.032	.044	.20	3.0	<.1	3.0	3.4	4.2	17.3	.7	66
18...	.012	.70	.006	.018	E.18	5.4	<.1	5.3	3.4	33.0	46.8	.7	75
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
11...	.009	1.07	<.006	.018	.15	8.3	.7	7.6	2.9	--	--	.7	91
11...	<.002	--	<.006	--	--	--	--	--	--	--	--	--	--
24...	.033	.86	.037	.052	.29	7.5	.3	7.2	3.5	17.0	20.3	.9	51
JUN													
07...	.010	.70	<.006	.010	.16	5.1	.2	5.0	2.7	45.6	31.1	.9	98
07...	.010	.76	<.006	.010	.16	5.3	<.1	5.2	2.8	51.1	35.0	.9	101
16...	.136	.75	.059	.077	.33	6.7	<.1	6.6	4.1	36.5	23.2	1.1	82
21...	.036	.59	.066	.082	.24	4.8	.1	4.7	4.0	19.9	18.9	1.4	74
21...	--	--	--	--	--	--	--	--	--	<.2	<.2	--	--
AUG													
10...	<.008	.78	<.006	.013	.07	7.4	<.1	7.4	3.5	32.7	53.7	1.4	186
SEP													
07...	.012	.86	.024	.040	.19	7.2	<.1	7.2	3.7	37.2	72.2	1.2	112

03378500 WABASH RIVER AT NEW HARMONY, IN—Continued

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

Date	Iron, water, fltrd, ∝g/L (01046)	Lithium water, fltrd, ∝g/L (01130)	Selen-ium, water, fltrd, ∝g/L (01145)	Stront-ium, water, fltrd, ∝g/L (01080)	Vanad-ium, water, fltrd, ∝g/L (01085)	2,6-Di-ethyl-aniline water fltrd 0.7∝m GF ∝g/L (82660)	CIAT, water, fltrd, ∝g/L (04040)	Aceto-chlor, water, fltrd, ∝g/L (49260)	Ala-chlor, water, fltrd, ∝g/L (46342)	alpha-HCH, water, fltrd, ∝g/L (34253)	Atra-zine, water, fltrd, ∝g/L (39632)	Azin-phos-methyl, water, fltrd 0.7∝m GF ∝g/L (82686)	Ben-flur-alin, water, fltrd 0.7∝m GF ∝g/L (82673)
NOV													
18...	14	2.2	E0.4	181	1.1	<0.006	E0.042	<0.010	<0.005	<0.005	0.141	<0.050	<0.010
DEC													
13...	11	1.5	.7	135	.8	<.006	E.036	<.020	<.005	<.005	.136	<.050	<.010
JAN													
14...	23	.8	E.4	81.5	.7	<.006	E.027	.022	.005	<.005	.075	<.050	<.010
FEB													
02...	8	2.3	.5	156	1.7	<.006	E.021	.008	<.005	<.005	.072	<.050	<.010
02...	<6	<.6	<.4	<.40	<.1	--	--	--	--	--	--	--	--
MAR													
22...	E5	3.3	.8	233	.6	<.006	E.014	<.006	<.005	<.005	.053	<.050	<.010
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
05...	E5	2.3	.7	204	.6	<.006	E.019	.009	<.005	<.005	.181	<.050	<.010
05...	8	2.0	.5	202	1.0	<.006	E.022	<.010	<.005	<.005	.188	<.050	<.010
18...	8	2.7	.5	185	1.1	<.006	E.051	.089	<.005	<.005	1.82	<.050	<.010
18...	--	--	--	--	--	<.006	<.006	<.006	<.005	<.005	<.007	<.050	<.010
MAY													
11...	<6	2.7	.6	231	1.0	<.006	E.079	.261	<.007	<.005	2.90	<.050	<.010
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
24...	8	2.1	.6	169	1.0	<.006	E.422	.872	.051	<.005	6.67	<.050	<.010
JUN													
07...	<6	3.4	.8	205	1.3	<.006	E.166	.166	<.005	<.005	2.38	<.050	<.010
07...	<6	3.8	.7	206	1.2	<.006	E.165	.167	<.005	<.005	2.47	<.050	<.010
16...	<6	2.8	.7	163	1.4	<.006	E.384	.472	.013	<.005	4.40	<.050	<.010
21...	E4	2.4	.7	182	1.5	<.006	E.405	.436	.022	<.005	4.36	<.050	<.010
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
10...	8	4.2	.7	201	1.0	<.006	E.089	.013	<.005	<.005	.592	<.050	<.010
10...	--	--	--	--	--	.096	E.098	.147	.130	.135	.721	E.088	.088
SEP													
07...	<6	3.2	.48	151	1.3	<.006	E.021	.010	<.005	<.005	.231	<.050	<.010

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

Date	Butyl-ate, water, fltrd, ∝g/L (04028)	Car-baryl, water, fltrd 0.7∝m GF ∝g/L (82680)	Carbo-furan, water, fltrd 0.7∝m GF ∝g/L (82674)	Chlor-pyrifos water, fltrd, ∝g/L (38933)	cis-Per-methrin water fltrd 0.7∝m GF ∝g/L (82687)	Cyana-zine, water, fltrd, ∝g/L (04041)	DCPA, water fltrd 0.7∝m GF ∝g/L (82682)	Diazi-non, water, fltrd, ∝g/L (39572)	Diel-drin, water, fltrd, ∝g/L (39381)	Disul-foton, water, fltrd 0.7∝m GF ∝g/L (82677)	EPTC, water, fltrd 0.7∝m GF ∝g/L (82668)	Ethal-flur-alin, water, fltrd 0.7∝m GF ∝g/L (82663)	Etho-prop, water, fltrd 0.7∝m GF ∝g/L (82672)
NOV													
18...	<0.004	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.005	<0.009	<0.02	<0.004	<0.009	<0.005
DEC													
13...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004	<.009	<.005
JAN													
14...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004	<.009	<.005
FEB													
02...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004	<.009	<.005
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
22...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004	<.009	<.005
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
05...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004	<.009	<.005
05...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004	<.009	<.005
18...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004	<.009	<.005
18...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004	<.009	<.005
MAY													
11...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004	<.009	<.005
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
24...	<.004	<.041	<.020	<.010	<.006	<.018	<.003	<.005	<.009	<.02	<.004	<.009	<.005
JUN													
07...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004	<.009	<.005
07...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004	<.009	<.005
16...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004	<.009	<.005
21...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004	<.009	<.005
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
10...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004	<.009	<.005
SEP													
07...	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004	<.009	<.005

03378500 WABASH RIVER AT NEW HARMONY, IN—Continued

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

Date	Fonofos water, fltrd, ∝g/L (04095)	Lindane water, fltrd, ∝g/L (39341)	Linuron water fltrd 0.7∝m GF ∝g/L (82666)	Mala-thion, water, fltrd, ∝g/L (39532)	Methyl para-thion, water, fltrd 0.7∝m GF ∝g/L (82667)	Metola-chlor, water, fltrd, ∝g/L (39415)	Metri-buzin, water, fltrd, ∝g/L (82630)	Moli-nate, water, fltrd 0.7∝m GF ∝g/L (82671)	Naprop-amide, water, fltrd 0.7∝m GF ∝g/L (82684)	p,p'-DDE, water, fltrd, ∝g/L (34653)	Para-thion, water, fltrd, ∝g/L (39542)	Peb-ulate, water, fltrd 0.7∝m GF ∝g/L (82669)	Pendi-meth-alin, water, fltrd 0.7∝m GF ∝g/L (82683)
NOV													
18...	<0.003	<0.004	<0.035	<0.027	<0.015	0.036	<0.006	<0.003	<0.007	<0.003	<0.010	<0.004	<0.022
DEC													
13...	<.003	<.004	<.035	<.027	<.015	.066	<.008	<.003	<.007	<.003	<.010	<.004	<.022
JAN													
14...	<.003	<.004	<.035	<.027	<.015	.064	.007	<.003	<.007	<.003	<.010	<.004	<.022
FEB													
02...	<.003	<.004	<.035	<.027	<.015	.042	<.006	<.003	<.007	<.003	<.010	<.004	<.022
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
22...	<.003	<.004	<.035	<.027	<.015	.021	<.006	<.003	<.007	<.003	<.010	<.004	<.022
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
05...	<.003	<.004	<.035	<.027	<.015	.030	<.006	<.003	<.007	<.003	<.010	<.004	<.022
05...	<.003	<.004	<.035	<.027	<.015	.031	<.006	<.003	<.007	<.003	<.010	<.004	<.022
18...	<.003	<.004	<.035	<.027	<.015	.235	<.007	<.003	<.007	<.003	<.010	<.004	<.022
18...	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007	<.003	<.010	<.004	<.022
MAY													
11...	<.003	<.004	<.035	<.027	<.015	.499	<.006	<.003	<.007	<.003	<.010	<.004	<.022
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
24...	<.003	<.004	E.023	<.027	<.015	1.68	.015	<.003	<.007	<.003	<.010	<.004	<.022
JUN													
07...	<.003	<.004	<.035	<.027	<.015	.578	<.006	<.003	<.007	<.003	<.010	<.004	<.022
07...	<.003	<.004	<.035	<.027	<.015	.591	<.006	<.003	<.007	<.003	<.010	<.004	<.022
16...	<.003	<.004	<.035	<.027	<.015	1.10	<.010	<.003	<.007	<.003	<.010	<.004	<.022
21...	<.003	<.004	<.035	<.027	<.015	1.33	.016	<.003	<.007	<.003	<.010	<.004	<.022
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
10...	<.003	<.004	<.035	<.027	<.015	.114	<.006	<.003	<.007	<.003	<.010	<.004	<.022
10...	.102	.134	E.168	.038	.125	.245	.082	.099	.127	.073	.121	.099	.089
SEP													
07...	<.003	<.004	<.035	<.027	<.015	.065	<.006	<.003	<.007	<.003	<.010	<.004	<.022

03378500 WABASH RIVER AT NEW HARMONY, IN—Continued

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

Date	Phorate water fltrd 0.7∝m GF ∝g/L (82664)	Prometon, water, fltrd, ∝g/L (04037)	Propyzamide, water, fltrd 0.7∝m GF ∝g/L (82676)	Propachlor, water, fltrd, ∝g/L (04024)	Propanil, water, fltrd 0.7∝m GF ∝g/L (82679)	Propargite, water, fltrd 0.7∝m GF ∝g/L (82685)	Simazine, water, fltrd, ∝g/L (04035)	Tebuthiuron water fltrd 0.7∝m GF ∝g/L (82670)	Terbacil, water, fltrd 0.7∝m GF ∝g/L (82665)	Terbufos, water, fltrd 0.7∝m GF ∝g/L (82675)	Thiobencarb water fltrd 0.7∝m GF ∝g/L (82681)	Triallate, water, fltrd 0.7∝m GF ∝g/L (82678)	Trifluralin, water, fltrd 0.7∝m GF ∝g/L (82661)
NOV													
18...	<0.011	<0.01	<0.004	<0.025	<0.011	<0.02	0.340	<0.02	<0.034	<0.02	<0.010	<0.006	<0.009
DEC													
13...	<.011	<.01	<.004	<.025	<.011	<.02	1.01	<.02	<.034	<.02	<.010	<.006	<.009
JAN													
14...	<.011	E.01	<.004	<.025	<.011	<.02	.617	<.02	<.034	<.02	<.010	<.006	<.009
FEB													
02...	<.011	M	<.004	<.025	<.011	<.02	.258	<.02	<.034	<.02	<.010	<.006	<.009
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
22...	<.011	<.01	<.004	<.025	<.011	<.02	.112	<.02	<.034	<.02	<.010	<.006	<.009
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
05...	<.011	<.01	<.004	<.025	<.011	<.02	.145	<.02	<.034	<.02	<.010	<.006	<.009
05...	<.011	<.01	<.004	<.025	<.011	<.02	.153	<.02	<.034	<.02	<.010	<.006	<.009
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	<.011	E.01	<.004	<.025	<.011	<.02	.635	<.02	<.034	<.02	<.010	<.006	<.009
18...	<.011	<.01	<.004	<.025	<.011	<.02	<.005	<.02	<.034	<.02	<.010	<.006	<.009
MAY													
11...	<.011	<.01	<.004	<.025	<.011	<.02	.220	<.02	<.034	<.02	<.010	<.006	<.009
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
24...	<.011	.03	<.004	<.025	<.011	<.02	.807	<.02	<.034	<.02	<.010	<.006	<.009
JUN													
07...	<.011	<.01	<.004	<.025	<.011	<.02	.254	<.02	<.034	<.02	<.010	<.006	<.009
07...	<.011	<.01	<.004	<.025	<.011	<.02	.262	<.02	<.034	<.02	<.010	<.006	<.009
16...	<.011	.03	<.004	<.025	<.011	<.02	.413	<.02	<.034	<.02	<.010	<.006	<.009
21...	<.011	.04	<.004	<.025	<.011	<.02	.385	<.02	<.034	<.02	<.010	<.006	<.009
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
10...	<.011	.03	<.004	<.025	<.011	<.02	.071	<.02	<.034	<.02	<.010	<.006	<.009
SEP													
07...	<.011	.03	<.004	<.025	<.011	<.02	.023	<.02	<.034	<.02	<.010	<.006	<.009

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

Date	Suspnd. sediment, sieve diametr percent <.063mm (70331)	Suspended sediment concentration mg/L (80154)
NOV		
18...	95	114
DEC		
13...	87	140
JAN		
14...	72	98
FEB		
02...	76	86
02...	--	--
MAR		
22...	96	37
22...	--	--
APR		
05...	96	110
05...	--	--
18...	97	100
18...	--	--
MAY		
11...	98	104
11...	--	--
24...	98	257
JUN		
07...	98	72
07...	--	--
16...	98	293
21...	98	152
21...	--	--
AUG		
10...	98	35
SEP		
07...	98	95

03378550 BIG CREEK NEAR WADESVILLE, IN

LOCATION.--Lat 38°04'58", long 87°46'10", in SW¼SW¼ sec.16, T.5 S., R.12 W., Posey County, Hydrologic Unit 05120113, (WADESVILLE, IN quadrangle), on left bank at downstream side of bridge on State Highway 66, 0.6 mi northwest of Blairsville, 0.8 mi upstream from County Road 250 North, and 1.6 mi southeast of Wadesville.

DRAINAGE AREA.--104 mi^2.

PERIOD OF RECORD.--July 1965 to current year.

GAGE.--Water-stage recorder. Datum of gage is 370.00 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good except for estimated daily discharges and those below 1.0 ft^3/s, 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	1.0	154	487	350	e24	65	117	24	7.4	2.0	1.1	820
2	0.98	1,790	164	329	e23	48	136	19	8.5	1.8	0.87	31
3	0.94	432	120	930	e22	44	112	17	9.4	1.6	0.62	6.6
4	1.1	142	100	519	e21	45	87	16	8.7	1.4	0.42	3.6
5	0.84	95	83	1,440	e20	43	74	14	7.3	18	0.80	2.0
6	0.46	77	123	3,480	e19	36	63	14	6.3	7.6	0.80	1.3
7	0.39	58	973	422	e151	41	60	14	5.4	3.0	0.84	0.90
8	0.51	38	322	362	652	42	54	13	5.1	2.1	1.00	0.75
9	0.60	32	151	203	226	32	43	11	5.2	1.6	1.4	1.1
10	0.46	31	121	151	150	31	38	11	5.1	1.3	1.1	1.1
11	0.36	1,070	101	135	109	33	34	10	4.8	1.2	0.76	0.99
12	0.92	1,080	89	128	98	32	91	9.6	244	1.6	1.0	0.90
13	1.5	168	73	813	453	27	261	11	984	4.7	0.90	0.77
14	2.5	104	53	506	589	22	103	68	81	5.5	1.5	0.78
15	17	82	48	161	207	21	74	90	33	3.5	23	0.89
16	7.1	70	48	120	135	21	57	41	19	3.0	12	0.90
17	3.0	61	43	92	102	23	47	27	14	27	7.1	0.90
18	2,050	56	43	e76	85	22	41	20	11	5.2	4.8	0.94
19	1,040	262	37	e67	72	21	35	17	8.7	2.3	2.9	0.88
20	75	142	29	e60	75	19	30	505	6.9	1.4	2.4	1.2
21	34	100	35	e52	83	18	27	196	5.9	1.3	2.1	3.4
22	22	89	e25	e46	67	19	36	46	5.5	22	1.5	2.0
23	64	101	e24	e40	58	29	70	30	4.9	24	1.0	1.1
24	83	152	e23	e37	70	23	30	20	4.2	5.9	0.74	0.92
25	35	140	e22	e35	75	21	24	15	3.7	2.6	0.56	1.3
26	46	92	e22	e34	67	22	30	13	3.3	0.98	452	15
27	500	125	e22	e31	60	25	43	11	2.8	0.61	298	9.4
28	146	336	e21	e29	66	709	25	13	2.0	0.71	51	3.5
29	146	128	e89	e27	---	242	27	12	1.7	1.1	43	3.8
30	78	327	e632	e26	---	132	30	9.4	2.1	1.1	3,030	5.6
31	49	---	1,150	e25	---	180	---	8.4	---	1.1	4,000	---
TOTAL	4,407.66	7,534	5,273	10,726	3,779	2,088	1,899	1,325.4	1,510.9	157.20	7,945.21	923.52
MEAN	142	251	170	346	135	67.4	63.3	42.8	50.4	5.07	256	30.8
MAX	2,050	1,790	1,150	3,480	652	709	261	505	984	27	4,000	820
MIN	0.36	31	21	25	19	18	24	8.4	1.7	0.61	0.42	0.75
CFSM	1.37	2.41	1.64	3.33	1.30	0.65	0.61	0.41	0.48	0.05	2.46	0.30
IN.	1.58	2.69	1.89	3.84	1.35	0.75	0.68	0.47	0.54	0.06	2.84	0.33

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 2005, BY WATER YEAR (WY)

MEAN	27.1	85.7	136	145	186	205	188	166	90.6	77.9	55.4	25.5
MAX	228	513	710	559	727	581	702	742	347	436	349	233
(WY)	(2002)	(1986)	(1983)	(1982)	(1990)	(1975)	(1996)	(1990)	(1996)	(2004)	(2004)	(1982)
MIN	0.02	0.61	0.30	0.13	9.15	14.3	8.73	2.98	0.62	0.33	0.18	0.00
(WY)	(1969)	(2000)	(1966)	(1977)	(1992)	(1981)	(1981)	(1988)	(1988)	(1994)	(1988)	(1983)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1966 - 2005	
ANNUAL TOTAL	62,466.14		47,568.89			
ANNUAL MEAN	171		130		115	
HIGHEST ANNUAL MEAN					207	2002
LOWEST ANNUAL MEAN					38.7	1987
HIGHEST DAILY MEAN	7,000	Jul 17	4,000	Aug 31	9,400	Apr 29, 1996
LOWEST DAILY MEAN	0.36	Oct 11	0.36	Oct 11	0.00	Jul 22, 1966
ANNUAL SEVEN-DAY MINIMUM	0.52	Oct 5	0.52	Oct 5	0.00	Jul 29, 1966
MAXIMUM PEAK FLOW			6,790	Aug 31	10,400	Apr 29, 1996
MAXIMUM PEAK STAGE			19.03	Aug 31	20.35	Apr 29, 1996
ANNUAL RUNOFF (CFSM)	1.64		1.25		1.11	
ANNUAL RUNOFF (INCHES)	22.34		17.02		15.07	
10 PERCENT EXCEEDS	224		261		208	
50 PERCENT EXCEEDS	34		27		17	
90 PERCENT EXCEEDS	1.7		1.0		0.29	

e Estimated

03378550 BIG CREEK NEAR WADESVILLE, IN—Continued