

03361850 BUCK CREEK AT ACTON, IN

LOCATION.--Lat 39°39'25", long 85°57'27", in NW¼SE¼ sec.15, T.14 N., R.5 E., Marion County, Hydrologic Unit 05120204, (ACTON, IN quadrangle), on left bank, 30 ft downstream from McGregor Road bridge, 0.5 mi east of Acton, and 4.1 mi upstream from mouth.

DRAINAGE AREA.--78.8 mi<sup>2</sup>.

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

REVISED RECORDS.--WDR IN-79-1: 1969 (M).

GAGE.--Water-stage recorder. Datum of gage is 757.00 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Low flow is affected by regulation.

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	9.9	4.1	232	289	50	76	52	72	32	38	26	152
2	12	204	199	215	46	65	50	60	26	24	25	70
3	6.1	248	141	944	50	56	54	51	32	18	18	47
4	4.1	134	103	1,480	48	51	44	48	26	16	21	32
5	5.7	92	84	2,560	55	49	44	41	23	21	22	25
6	7.6	70	79	3,080	73	46	37	38	26	12	15	27
7	5.7	54	149	1,110	140	51	55	40	26	11	13	25
8	2.9	49	246	485	286	49	62	34	19	16	19	24
9	3.0	39	163	351	228	41	49	32	17	9.9	18	26
10	2.0	34	129	347	189	43	42	34	23	8.5	11	21
11	2.4	38	133	542	132	39	45	36	18	12	23	15
12	7.3	69	125	1,490	106	38	44	174	33	19	15	17
13	4.2	67	99	1,540	97	42	46	97	258	17	12	18
14	8.8	51	79	1,470	549	39	41	266	154	14	9.5	13
15	10	45	72	469	376	32	40	265	91	20	18	18
16	13	43	64	256	328	31	32	141	64	32	20	21
17	10	37	60	181	255	36	30	96	49	296	18	21
18	21	40	52	137	151	31	29	74	37	188	11	16
19	33	57	48	119	115	30	33	68	33	104	17	25
20	14	66	44	107	97	36	33	83	35	59	13	69
21	11	59	48	89	107	35	34	75	31	40	9.5	53
22	4.3	49	48	79	90	29	205	62	24	880	17	36
23	6.7	50	e43	67	79	37	1,240	58	21	293	8.8	35
24	56	136	e40	63	74	38	491	51	25	158	7.0	52
25	28	389	e38	67	65	43	220	48	17	89	10	73
26	14	198	e37	70	59	52	188	40	15	62	14	562
27	15	135	e35	64	54	57	227	41	17	53	14	187
28	14	187	36	53	60	85	140	39	22	48	15	87
29	5.7	139	41	52	---	90	103	31	33	39	17	56
30	6.7	115	126	52	---	71	84	31	46	34	171	42
31	2.4	---	496	55	---	59	---	35	---	25	576	---
TOTAL	346.5	2,898.1	3,289	17,883	3,959	1,477	3,794	2,261	1,273	2,656.4	1,203.8	1,865
MEAN	11.2	96.6	106	577	141	47.6	126	72.9	42.4	85.7	38.8	62.2
MAX	56	389	496	3,080	549	90	1,240	266	258	880	576	562
MIN	2.0	4.1	35	52	46	29	29	31	15	8.5	7.0	13
CFSM	0.14	1.23	1.35	7.32	1.79	0.60	1.60	0.93	0.54	1.09	0.49	0.79
IN.	0.16	1.37	1.55	8.44	1.87	0.70	1.79	1.07	0.60	1.25	0.57	0.88

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

MEAN	38.3	94.4	112	127	132	153	135	121	86.0	69.1	34.8	27.6
MAX	312	463	333	577	349	347	302	462	478	324	216	166
(WY)	(1987)	(1994)	(1991)	(2005)	(1971)	(1978)	(1996)	(1996)	(1998)	(1969)	(1979)	(2003)
MIN	2.96	5.90	8.11	4.09	18.8	27.8	18.5	17.4	6.04	5.97	2.83	1.24
(WY)	(1998)	(2000)	(1977)	(1977)	(1978)	(1969)	(1971)	(1976)	(1988)	(1991)	(1999)	(1999)

SUMMARY STATISTICS

FOR 2004 CALENDAR YEAR

FOR 2005 WATER YEAR

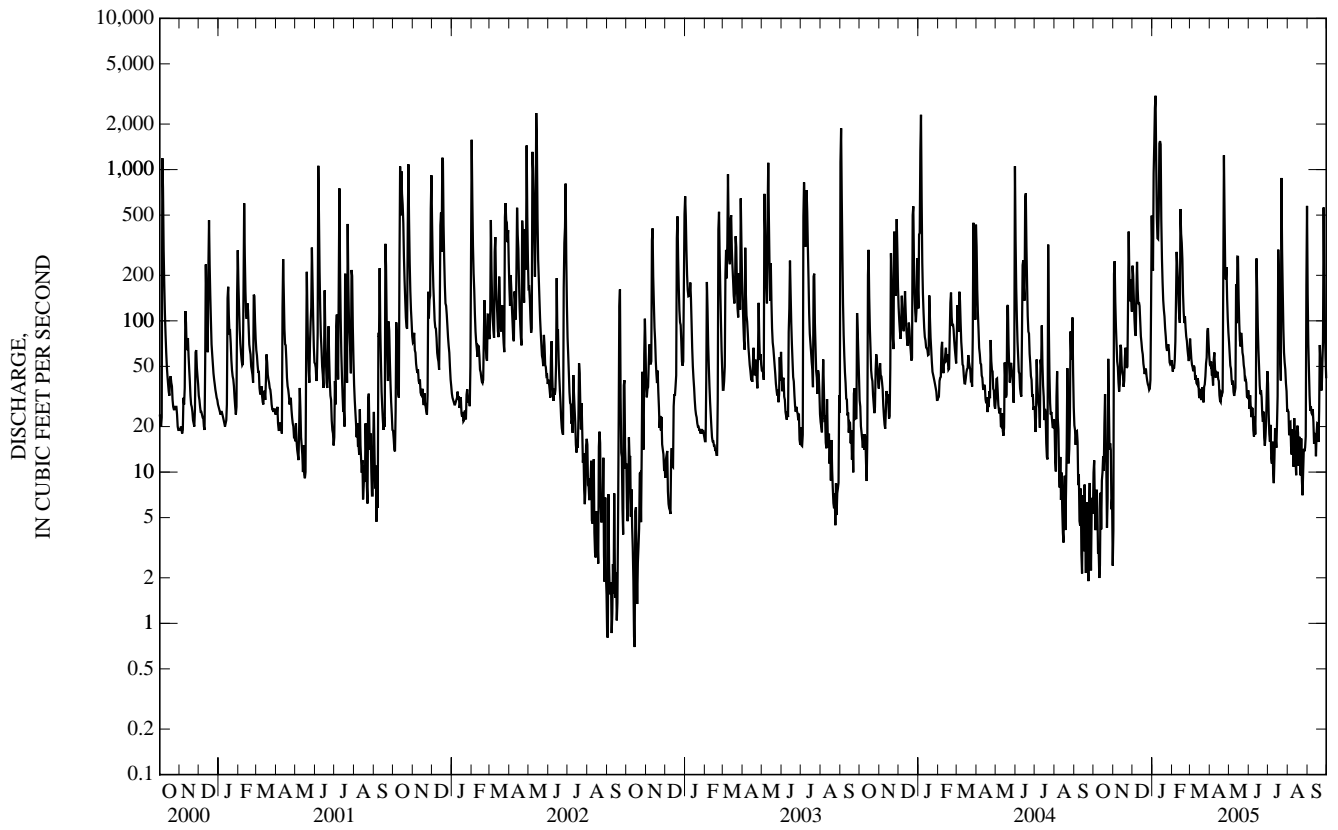
WATER YEARS 1968 - 2005

ANNUAL TOTAL	29,053.2	42,905.8	
ANNUAL MEAN	79.4	118	93.9
HIGHEST ANNUAL MEAN			146
LOWEST ANNUAL MEAN			36.7
HIGHEST DAILY MEAN	2,300	Jan 5	3,570
LOWEST DAILY MEAN	1.9	Sep 23	0.60
ANNUAL SEVEN-DAY MINIMUM	3.9	Oct 7	0.98
MAXIMUM PEAK FLOW			7,140
MAXIMUM PEAK STAGE			14.99
ANNUAL RUNOFF (CFSM)	1.01		1.19
ANNUAL RUNOFF (INCHES)	13.72		16.18
10 PERCENT EXCEEDS	148		206
50 PERCENT EXCEEDS	43		34
90 PERCENT EXCEEDS	6.7		5.9

e Estimated

WABASH RIVER BASIN

03361850 BUCK CREEK AT ACTON, IN—Continued



## 03362000 YOUNGS CREEK NEAR EDINBURGH, IN

LOCATION.--Lat 39°25'08", long 86°00'18", in SE $\frac{1}{4}$ SW $\frac{1}{4}$  sec.5, T.11 N., R.5 E., Johnson County, Hydrologic Unit 05120204, (FRANKLIN, IN quadrangle), on right bank at downstream side of County Road 400S bridge, 0.5 mi southwest of Amity, 2.0 mi upstream from mouth, and 5.0 mi northwest of Edinburgh.

DRAINAGE AREA.--107 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1942 to current year. Prior to December 1942 monthly discharge only, published in WSP 1305.

REVISED RECORDS.--WSP 1335: 1944. WSP 1909: 1958. WSP 2109: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 670.20 ft above National Geodetic Vertical Datum of 1929. Prior to June 30, 1955, nonrecording gage at same site and datum.

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	6.6	24	229	517	e72	128	105	102	57	88	18	225
2	6.6	212	233	343	69	102	100	87	52	53	17	112
3	6.8	365	164	1,280	67	86	86	76	51	39	16	67
4	6.6	203	125	1,830	65	82	75	68	49	32	15	46
5	6.5	122	102	3,030	69	79	70	62	45	28	20	35
6	6.8	87	92	4,800	74	71	65	59	44	25	59	30
7	7.2	70	178	1,430	109	72	107	57	42	23	43	26
8	7.4	55	308	656	280	69	136	129	39	21	24	24
9	7.6	44	211	559	251	60	95	86	36	19	19	21
10	7.4	40	177	487	231	58	79	69	34	17	18	19
11	7.2	43	155	498	165	59	72	62	33	16	16	18
12	8.0	102	153	994	136	57	75	275	104	33	15	16
13	19	86	128	1,240	128	52	139	187	855	33	14	15
14	17	62	96	2,140	532	47	156	803	343	26	13	23
15	21	51	82	569	524	46	104	1,220	199	23	13	20
16	25	47	76	364	325	46	83	388	127	29	14	75
17	16	44	71	284	264	45	73	257	93	222	14	49
18	52	43	66	237	199	44	68	193	75	113	13	28
19	146	66	63	e205	151	44	63	165	63	73	33	22
20	63	104	51	e180	132	43	59	323	55	49	29	574
21	35	78	56	e152	137	41	65	219	50	38	20	267
22	23	64	51	e130	117	40	88	158	45	266	15	143
23	23	61	e48	e110	102	85	481	127	40	144	13	91
24	148	83	e46	e99	98	104	361	104	37	75	12	71
25	95	348	e44	e91	94	77	226	88	35	51	11	105
26	53	225	e43	e86	87	70	188	78	31	40	11	794
27	44	155	e42	e82	80	68	267	73	29	37	12	387
28	50	222	e41	e78	91	178	186	70	29	36	15	218
29	40	175	e41	e74	---	262	141	63	53	28	13	196
30	35	138	234	e73	---	165	124	61	179	23	177	152
31	28	---	820	e72	---	135	---	65	---	20	591	---
TOTAL	1,017.7	3,419	4,226	22,690	4,649	2,515	3,937	5,774	2,924	1,720	1,313	3,869
MEAN	32.8	114	136	732	166	81.1	131	186	97.5	55.5	42.4	129
MAX	148	365	820	4,800	532	262	481	1,220	855	266	591	794
MIN	6.5	24	41	72	65	40	59	57	29	16	11	15
CFSM	0.31	1.07	1.27	6.84	1.55	0.76	1.23	1.74	0.91	0.52	0.40	1.21
IN.	0.35	1.19	1.47	7.89	1.62	0.87	1.37	2.01	1.02	0.60	0.46	1.35

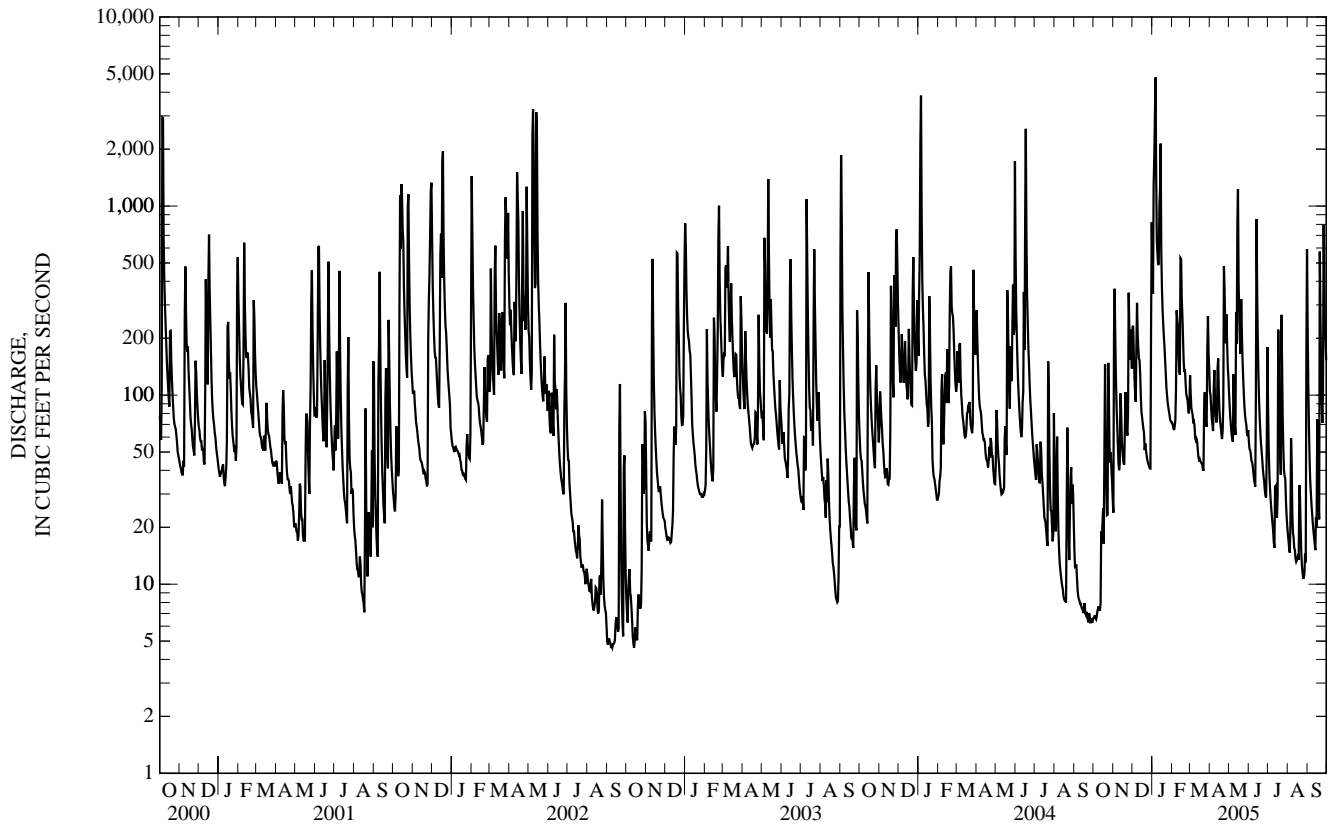
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 2005, BY WATER YEAR (WY)

MEAN	32.5	86.0	120	166	174	205	181	157	104	71.9	29.2	28.1
MAX	359	593	470	837	441	498	516	606	463	492	231	228
(WY)	(2002)	(1994)	(1991)	(1950)	(1971)	(1963)	(1964)	(2002)	(1958)	(1979)	(1979)	(1989)
MIN	1.82	3.91	2.90	3.13	15.1	40.9	28.3	20.7	6.73	2.03	2.43	2.36
(WY)	(1954)	(1954)	(1964)	(1977)	(1954)	(1969)	(1971)	(1988)	(1988)	(1944)	(1954)	(1954)

03362000 YOUNGS CREEK NEAR EDINBURGH, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1944 - 2005	
ANNUAL TOTAL	45,228.7		58,053.7		113	
ANNUAL MEAN	124		159		219	
HIGHEST ANNUAL MEAN					20.3	
LOWEST ANNUAL MEAN					1954	
HIGHEST DAILY MEAN	3,840	Jan 5	4,800	Jan 6	6,260	May 24, 1968
LOWEST DAILY MEAN	6.2	Sep 26	6.5	Oct 5	0.50	Sep 29, 1953
ANNUAL SEVEN-DAY MINIMUM	6.5	Sep 26	6.7	Oct 1	0.73	Oct 19, 1953
MAXIMUM PEAK FLOW			5,960	Jan 6	10,700	Jan 27, 1952
MAXIMUM PEAK STAGE			11.38	Jan 6	13.40	Jan 27, 1952
ANNUAL RUNOFF (CFSM)	1.15		1.49		1.05	
ANNUAL RUNOFF (INCHES)	15.72		20.18		14.29	
10 PERCENT EXCEEDS	230		282		252	
50 PERCENT EXCEEDS	58		71		39	
90 PERCENT EXCEEDS	8.2		17		4.9	

e Estimated



## 03362500 SUGAR CREEK NEAR EDINBURGH, IN

LOCATION.--Lat 39°21'39", long 85°59'51", in SW $\frac{1}{4}$ SE $\frac{1}{4}$  sec.29, T.11 N., R.5 E., Johnson County, Hydrologic Unit 05120204, (EDINBURGH, IN quadrangle), on left bank 50 ft upstream from highway bridge in Camp Atterbury, 1.3 mi upstream from confluence with Blue River, 1.5 mi northwest of Edinburg, and at mile 1.3.

DRAINAGE AREA.--474 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1942 to current year. Prior to February 1943 monthly discharge only, published in WSP 1305. Prior to October 1977, published as "near Edinburg".

REVISED RECORDS.--WSP 2109: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 646.23 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1952, nonrecording gage on downstream side of old highway bridge, 100 ft downstream at same datum.

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	53	121	659	2,480	e338	431	376	531	289	324	114	828
2	53	255	959	1,500	e330	439	342	456	289	245	107	395
3	54	1,310	709	2,800	323	392	331	402	282	201	101	246
4	55	766	549	5,750	320	366	310	365	281	179	93	173
5	52	480	447	8,000	319	354	289	336	255	165	94	135
6	52	343	389	16,600	343	339	280	312	239	160	127	113
7	52	274	450	15,200	417	330	281	302	228	149	119	103
8	55	222	1,180	7,600	1,110	331	376	342	218	142	99	94
9	55	190	918	4,090	1,490	316	352	308	208	137	93	89
10	54	168	723	2,730	1,370	295	309	282	201	129	90	90
11	52	160	627	2,320	999	291	286	268	198	123	80	83
12	52	211	670	4,300	750	288	280	634	224	141	84	76
13	71	269	573	6,490	628	281	323	709	1,720	155	80	71
14	79	228	463	8,640	1,000	272	360	1,520	1,260	145	78	77
15	84	194	389	7,480	3,410	263	302	3,520	809	138	72	76
16	99	179	347	3,300	2,280	249	274	1,510	540	154	77	110
17	84	171	320	1,650	1,920	242	252	932	413	621	81	111
18	106	161	298	1,180	1,310	242	241	687	346	1,110	76	93
19	225	176	281	e945	899	235	234	576	300	565	93	95
20	207	280	249	e798	701	234	232	758	272	383	89	528
21	144	278	e252	e686	649	232	238	709	256	284	76	423
22	119	235	e244	e585	615	227	269	589	239	932	66	253
23	108	214	e237	e515	541	242	2,250	498	220	2,130	63	184
24	217	218	e229	e470	493	300	3,730	440	208	722	60	154
25	310	1,220	e220	e482	465	272	1,860	399	202	396	55	204
26	205	1,120	e212	e466	430	266	1,150	368	188	277	53	1,450
27	163	726	e208	e428	401	284	1,370	343	178	222	58	1,420
28	168	709	e223	e394	388	331	1,040	329	174	192	62	755
29	162	702	306	e359	---	652	769	311	195	164	60	504
30	141	548	446	e356	---	521	629	301	336	142	144	399
31	131	---	2,170	e344	---	433	---	298	---	129	1,360	---
TOTAL	3,462	12,128	15,947	108,938	24,239	9,950	19,335	19,335	10,768	10,956	3,904	9,332
MEAN	112	404	514	3,514	866	321	644	624	359	353	126	311
MAX	310	1,310	2,170	16,600	3,410	652	3,730	3,520	1,720	2,130	1,360	1,450
MIN	52	121	208	344	319	227	232	268	174	123	53	71
CFSM	0.24	0.85	1.09	7.41	1.83	0.68	1.36	1.32	0.76	0.75	0.27	0.66
IN.	0.27	0.95	1.25	8.55	1.90	0.78	1.52	1.52	0.85	0.86	0.31	0.73

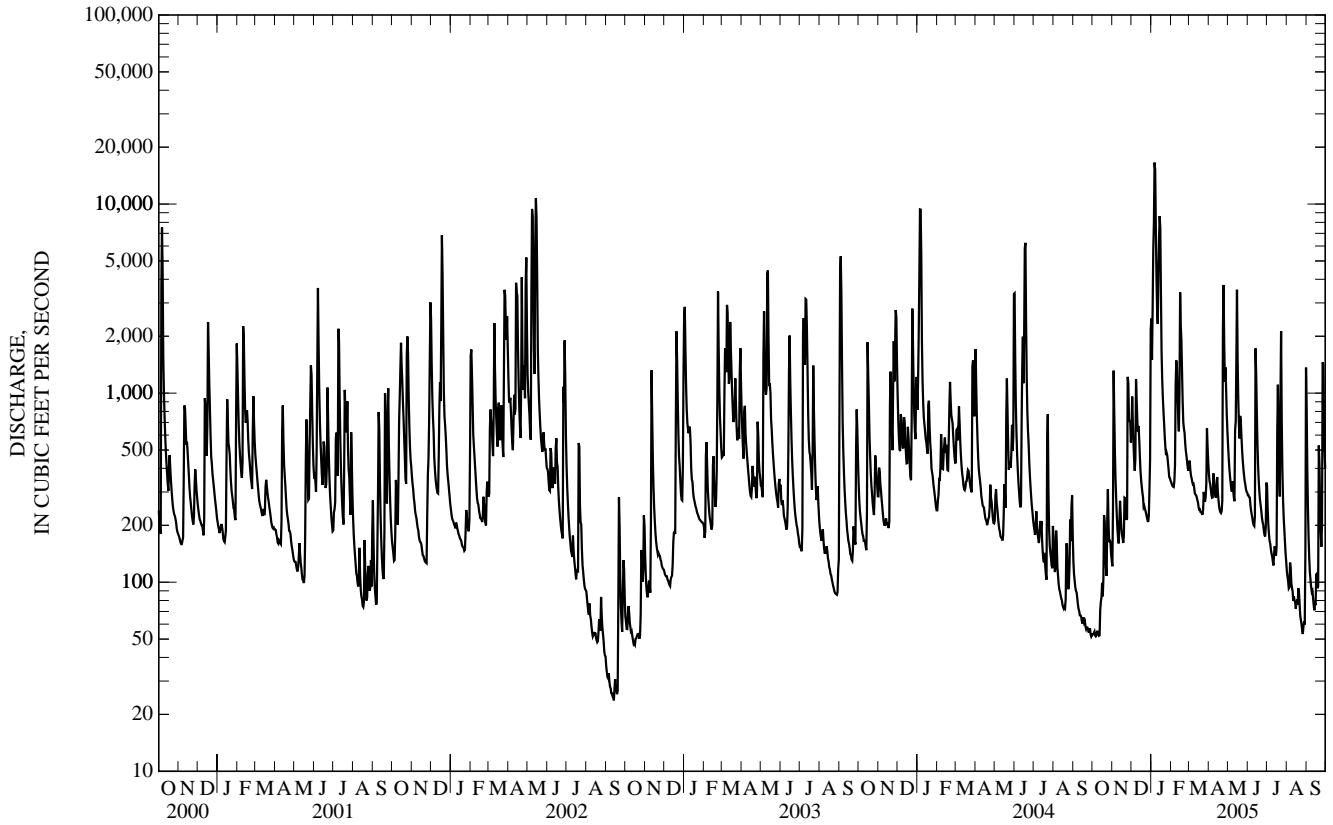
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1943 - 2005, BY WATER YEAR (WY)

	152	375	515	750	771	917	831	707	493	329	171	139
MEAN	983	2,591	1,742	4,000	2,192	2,281	2,076	2,878	2,381	1,564	1,348	1,295
(WY)	(1987)	(1994)	(1991)	(1950)	(1950)	(1961)	(1964)	(1996)	(1998)	(1979)	(1979)	(1989)
MIN	22.2	33.4	30.4	36.5	74.8	215	170	120	58.7	25.4	25.4	13.4
(WY)	(1945)	(1954)	(1964)	(1977)	(1964)	(1981)	(1971)	(1976)	(1988)	(1954)	(1954)	(1954)

03362500 SUGAR CREEK NEAR EDINBURGH, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1943 - 2005	
ANNUAL TOTAL	184,252		248,294			
ANNUAL MEAN	503		680		511	
HIGHEST ANNUAL MEAN					849	1950
LOWEST ANNUAL MEAN					160	1954
HIGHEST DAILY MEAN	9,370	Jan 5	16,600	Jan 6	19,200	May 29, 1956
LOWEST DAILY MEAN	52	Sep 29	52	Oct 5	9.2	Sep 18, 1954
ANNUAL SEVEN-DAY MINIMUM	53	Sep 29	53	Oct 1	10	Sep 13, 1954
MAXIMUM PEAK FLOW			20,100	Jan 6	27,600	May 29, 1956
MAXIMUM PEAK STAGE			16.95	Jan 6	18.38	May 29, 1956
ANNUAL RUNOFF (CFSM)	1.06		1.44		1.08	
ANNUAL RUNOFF (INCHES)	14.46		19.49		14.64	
10 PERCENT EXCEEDS	891		1,310		1,150	
50 PERCENT EXCEEDS	268		289		216	
90 PERCENT EXCEEDS	73		84		47	

e Estimated



03363500 FLATROCK RIVER AT ST. PAUL, IN

LOCATION.--Lat 39°25'03", long 85°38'03", in SE<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub> sec.9, T.11 N., R.8 E., Shelby County, Hydrologic Unit 05120205, (WALDRON, IN quadrangle), on right bank 500 ft downstream from county road bridge, 0.8 mi southwest of St. Paul, 1.5 mi downstream from Mill Creek, and at mile 34.4.

DRAINAGE AREA.--303 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1930 to current year. Prior to October 1958, published as Flatrock Creek at St. Paul.

REVISED RECORDS.--WSP 853: 1934-36. WSP 973: 1942. WSP 1335: 1933, 1936. WSP 1725: 1957(M). WSP 2109: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 764.84 ft above National Geodetic Vertical Datum of 1929 (levels by State of Indiana, Department of Natural Resources). Prior to Oct. 21, 1938, nonrecording gage at site 500 ft upstream at same datum.

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

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in March 1913 reached a stage of approximately 20.5 ft, from information by local residents.

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	15	57	394	2,650	188	309	383	488	169	171	55	253
2	16	93	475	1,920	181	279	359	409	164	144	50	115
3	16	563	416	4,320	176	249	363	355	163	118	46	70
4	15	458	334	3,860	176	244	350	311	156	101	41	49
5	15	397	282	7,390	194	252	305	275	144	89	54	40
6	16	291	248	14,500	295	238	272	252	137	81	50	35
7	16	220	323	7,500	495	248	295	238	123	74	51	31
8	16	171	696	3,250	1,470	246	294	230	115	66	44	28
9	16	134	581	1,700	1,410	205	248	219	108	60	38	27
10	16	117	475	1,320	1,040	191	228	215	102	54	35	26
11	17	114	470	1,510	749	192	212	219	351	48	33	24
12	18	135	480	e3,100	579	189	207	498	370	54	35	22
13	20	205	422	e5,360	505	176	211	509	1,450	57	30	20
14	30	166	332	e3,340	1,040	157	182	1,160	1,210	56	29	19
15	e29	138	273	e2,030	1,280	149	163	2,020	591	59	31	18
16	e36	127	247	1,220	917	143	156	1,370	372	124	37	22
17	e36	119	232	858	848	145	153	792	275	e540	33	26
18	e40	113	213	701	643	143	158	591	221	e330	31	49
19	e76	117	205	595	489	139	159	478	188	197	84	38
20	e72	163	e173	521	418	137	157	563	165	115	43	55
21	e61	172	e170	450	429	130	173	494	148	91	33	45
22	61	152	e140	398	390	128	186	380	135	545	29	38
23	53	144	e124	e355	348	172	955	362	123	491	27	33
24	71	154	e122	e350	332	171	1,550	312	115	226	24	29
25	116	573	e120	e340	310	154	1,030	261	109	148	22	28
26	90	604	e117	e290	288	157	858	234	104	116	20	106
27	75	402	e115	256	266	185	1,360	221	99	108	22	176
28	67	466	e114	216	280	742	991	214	152	97	22	131
29	63	511	e130	231	---	1,140	713	198	278	83	21	100
30	61	388	252	225	---	716	591	195	215	71	53	86
31	58	---	2,310	204	---	515	---	183	---	62	283	---
TOTAL	1,307	7,464	10,985	70,960	15,736	8,241	13,262	14,246	8,052	4,576	1,406	1,739
MEAN	42.2	249	354	2,289	562	266	442	460	268	148	45.4	58.0
MAX	116	604	2,310	14,500	1,470	1,140	1,550	2,020	1,450	545	283	253
MIN	15	57	114	204	176	128	153	183	99	48	20	18
CFSM	0.14	0.82	1.17	7.55	1.85	0.88	1.46	1.52	0.89	0.49	0.15	0.19
IN.	0.16	0.92	1.35	8.71	1.93	1.01	1.63	1.75	0.99	0.56	0.17	0.21

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

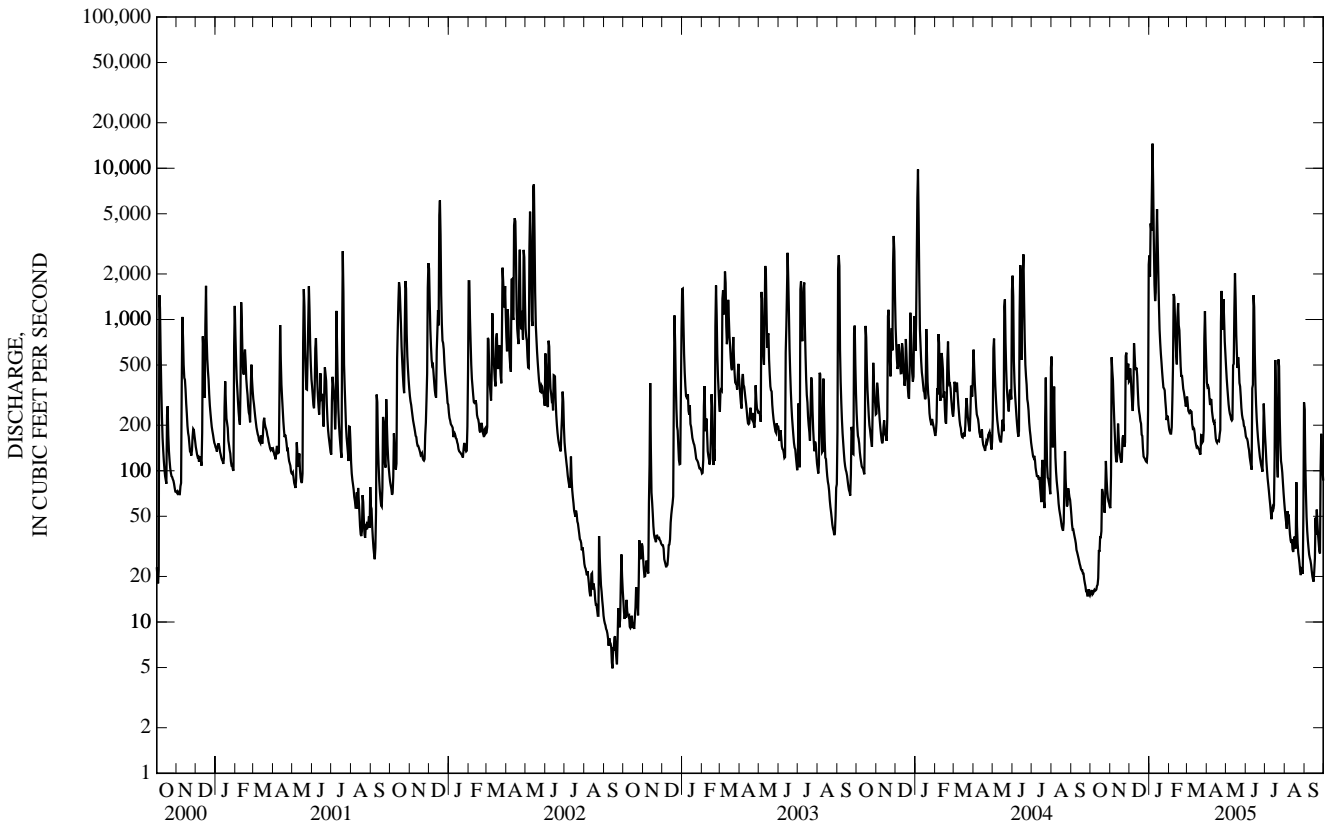
MEAN	91.4	219	348	516	513	575	579	463	305	191	90.2	69.7
MAX	600	1,342	1,567	3,450	1,808	1,605	1,576	1,968	1,502	915	716	447
(WY)	(2002)	(1994)	(1991)	(1937)	(1950)	(1961)	(2002)	(1996)	(1998)	(1979)	(1979)	(2003)
MIN	1.96	6.97	9.98	15.1	27.7	41.8	51.9	42.9	19.7	9.28	4.06	1.36
(WY)	(1964)	(2000)	(1964)	(1977)	(1935)	(1941)	(1941)	(1934)	(1934)	(1936)	(1988)	(1999)

WABASH RIVER BASIN

03363500 FLATROCK RIVER AT ST. PAUL, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1931 - 2005	
ANNUAL TOTAL	123,286		157,974			
ANNUAL MEAN	337		433		329	
HIGHEST ANNUAL MEAN					642	1950
LOWEST ANNUAL MEAN					40.6	1941
HIGHEST DAILY MEAN	9,820	Jan 5	14,500	Jan 6	16,500	Jan 5, 1949
LOWEST DAILY MEAN	15	Sep 26	15	Oct 1	0.60	Aug 7, 1931
ANNUAL SEVEN-DAY MINIMUM	15	Sep 25	16	Oct 1	0.80	Oct 12, 1963
MAXIMUM PEAK FLOW			16,500		18,500	Jan 5, 1949
MAXIMUM PEAK STAGE			12.87		12.87	Jan 6, 2005
ANNUAL RUNOFF (CFSM)	1.11		1.43		1.09	
ANNUAL RUNOFF (INCHES)	15.14		19.39		14.75	
10 PERCENT EXCEEDS	575		852		754	
50 PERCENT EXCEEDS	183		176		138	
90 PERCENT EXCEEDS	30		30		16	

e Estimated





03363900 FLATROCK RIVER AT COLUMBUS, IN

LOCATION.--Lat 39°14'06", long 85°55'36", in NE¼SW¼ sec.12, T.9 N., R.5 E., Bartholomew County, Hydrologic Unit 05120205, (COLUMBUS, IN quadrangle), on left bank at downstream side of bridge on U.S. Highway 31, 0.2 mi northwest of Columbus city limits, and 2.6 mi upstream from mouth.

DRAINAGE AREA.--534 mi<sup>2</sup>.

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

GAGE.--Water-stage recorder. Datum of gage is 610.14 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	53	117	585	4,880	589	610	821	805	341	306	139	708
2	52	140	712	3,670	564	602	706	691	323	250	127	423
3	51	712	704	4,000	548	550	668	613	316	225	119	273
4	51	991	584	9,740	539	526	646	553	309	200	114	211
5	52	775	497	8,750	540	523	593	502	297	180	117	180
6	51	614	440	17,800	594	510	545	466	288	163	133	161
7	51	479	452	20,200	787	496	537	446	273	150	201	147
8	51	389	959	9,950	1,820	505	590	437	259	144	150	138
9	51	318	1,080	4,570	2,350	476	532	408	250	139	129	132
10	50	271	846	3,010	1,920	441	487	389	242	133	116	125
11	51	254	769	2,580	1,480	431	462	375	241	126	109	121
12	51	268	785	4,160	1,200	432	442	717	464	129	104	117
13	52	337	736	4,930	1,040	418	472	900	1,090	134	101	113
14	53	356	606	7,470	1,380	393	472	1,220	1,750	134	106	109
15	54	302	498	5,630	2,260	372	416	3,320	1,100	131	100	107
16	56	269	439	3,260	1,750	360	385	2,520	684	139	103	105
17	58	252	408	2,070	1,460	352	367	1,470	510	334	107	103
18	72	241	381	1,660	1,280	350	357	1,090	417	786	102	104
19	112	242	360	1,480	1,040	345	350	902	361	508	122	112
20	219	290	329	1,350	909	340	338	851	319	321	231	147
21	178	346	272	1,210	870	333	339	870	289	232	153	197
22	134	327	e271	1,080	838	325	351	701	268	226	125	170
23	115	304	e243	e750	763	348	788	613	245	1,020	110	150
24	131	297	e228	e675	711	413	1,880	584	228	582	100	137
25	202	417	e239	e670	679	391	1,610	511	213	357	95	132
26	206	895	e240	e660	633	370	1,180	458	202	267	92	254
27	166	691	e235	766	595	371	1,620	426	195	228	89	464
28	144	584	e224	665	581	591	1,570	409	207	203	87	400
29	133	728	e228	657	---	1,810	1,150	385	275	182	85	313
30	127	647	294	654	---	1,380	947	377	364	165	101	293
31	120	---	1,870	626	---	1,030	---	367	---	151	525	---
TOTAL	2,947	12,853	16,514	129,573	29,720	16,394	21,621	24,376	12,320	8,245	4,092	6,146
MEAN	95.1	428	533	4,180	1,061	529	721	786	411	266	132	205
MAX	219	991	1,870	20,200	2,350	1,810	1,880	3,320	1,750	1,020	525	708
MIN	50	117	224	626	539	325	338	367	195	126	85	103
CFSM	0.18	0.80	1.00	7.83	1.99	0.99	1.35	1.47	0.77	0.50	0.25	0.38
IN.	0.21	0.90	1.15	9.03	2.07	1.14	1.51	1.70	0.86	0.57	0.29	0.43

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

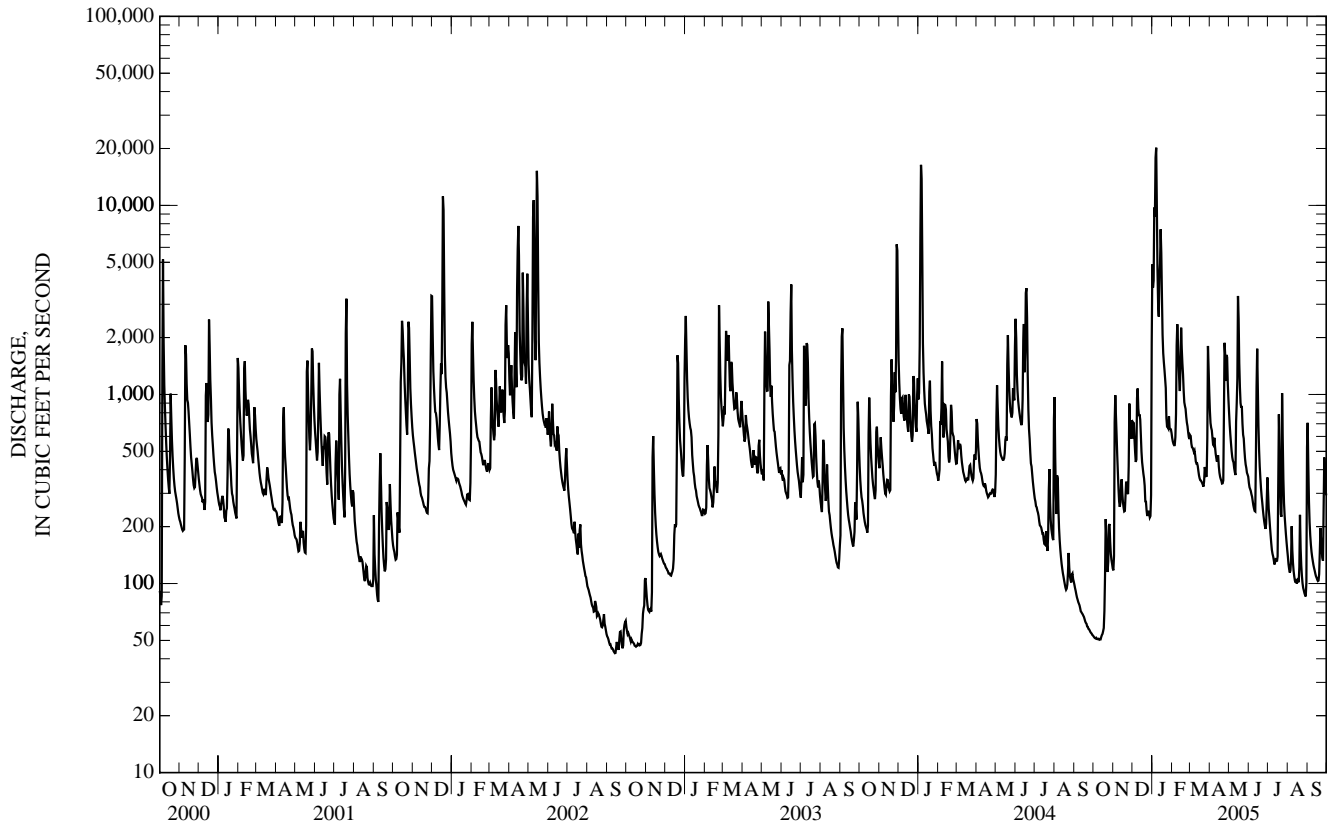
MEAN	188	444	680	846	910	931	987	935	622	393	239	154
MAX	912	2,336	2,092	4,180	2,524	2,223	2,301	3,871	2,728	1,556	1,296	837
(WY)	(1994)	(1994)	(1991)	(2005)	(1982)	(1978)	(1996)	(1996)	(1998)	(1979)	(1979)	(1989)
MIN	25.6	30.2	44.8	30.6	189	204	251	132	77.2	50.8	35.0	17.0
(WY)	(2000)	(2000)	(1977)	(1977)	(1992)	(1992)	(1976)	(1976)	(1988)	(1988)	(1988)	(1999)

SUMMARY STATISTICS

	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1968 - 2005	
ANNUAL TOTAL	215,412		284,801			
ANNUAL MEAN	589		780		609	
HIGHEST ANNUAL MEAN					949	
LOWEST ANNUAL MEAN					271	
HIGHEST DAILY MEAN	16,400	Jan 5	20,200	Jan 7	20,200	Jan 7, 2005
LOWEST DAILY MEAN	50	Oct 10	50	Oct 10	13	Sep 18, 1999
ANNUAL SEVEN-DAY MINIMUM	51	Oct 6	51	Oct 6	13	Sep 18, 1999
MAXIMUM PEAK FLOW			22,400	Jan 7	22,400	Jan 7, 2005
MAXIMUM PEAK STAGE			16.45	Jan 7	16.45	Jan 7, 2005
ANNUAL RUNOFF (CFSM)	1.10		1.46		1.14	
ANNUAL RUNOFF (INCHES)	15.01		19.84		15.50	
10 PERCENT EXCEEDS	962		1,410		1,320	
50 PERCENT EXCEEDS	368		370		322	
90 PERCENT EXCEEDS	71		108		60	

e Estimated

03363900 FLATROCK RIVER AT COLUMBUS, IN—Continued



## 03364000 EAST FORK WHITE RIVER AT COLUMBUS, IN

LOCATION.--Lat 39°12'00", long 85°55'32", in NE $\frac{1}{4}$ NW $\frac{1}{4}$  sec.25, T.9 N., R.5 E., Bartholomew County, Hydrologic Unit 05120205, (COLUMBUS, IN quadrangle), on left bank at abutment of abandoned bridge at west end of Second Street in Columbus, 0.6 mi downstream from confluence of Driftwood River and Flatrock River, 1.3 mi upstream from Haw Creek, and at mile 238.7.

DRAINAGE AREA.--1,707 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1947 to current year. Prior to January 1948 monthly discharge only, published in WSP 1305.

REVISED RECORDS.--WSP 1335: 1948-49. WSP 2109: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 603.12 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 22, 1952, nonrecording gage 600 ft upstream at same datum.

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	237	429	2,040	10,300	1,640	1,880	2,020	2,590	1,200	1,210	639	3,180
2	236	544	2,560	8,570	1,550	1,900	1,800	2,260	1,130	967	580	1,900
3	232	2,390	2,440	9,650	1,500	1,740	1,730	2,030	1,100	821	538	1,260
4	232	3,020	2,080	16,300	1,470	1,670	1,670	1,850	1,080	708	501	920
5	230	2,290	1,770	21,200	1,470	1,640	1,560	1,700	1,040	633	483	729
6	234	1,830	1,570	42,900	1,550	1,590	1,470	1,580	998	579	528	610
7	225	1,510	1,820	55,700	1,960	1,540	1,570	1,500	938	534	678	537
8	229	1,270	3,040	38,800	4,260	1,530	1,780	1,490	887	506	547	490
9	236	1,080	3,420	17,500	6,500	1,470	1,620	1,420	843	476	487	456
10	231	952	2,790	11,000	5,750	1,370	1,460	1,330	809	451	453	437
11	225	903	2,500	9,290	4,360	1,330	1,360	1,290	781	428	429	426
12	225	1,010	2,530	11,200	3,320	1,330	1,320	2,000	1,320	454	412	401
13	248	1,190	2,390	14,100	2,850	1,290	1,500	2,750	4,020	485	409	382
14	267	1,210	2,070	21,100	4,170	1,230	1,590	3,820	5,120	479	425	377
15	282	1,060	1,750	22,000	8,270	1,170	1,370	9,550	3,360	468	400	381
16	293	961	1,550	14,900	7,760	1,130	1,250	9,110	2,320	517	406	374
17	287	903	1,440	7,910	5,890	1,090	1,160	4,830	1,800	987	420	644
18	357	855	1,350	5,020	4,640	1,080	1,100	3,330	1,510	3,800	395	695
19	523	878	1,280	4,080	3,420	1,070	1,070	3,200	1,310	2,530	653	558
20	689	1,050	1,190	3,600	2,840	1,050	1,070	4,160	1,160	1,680	677	956
21	567	1,250	1,050	3,180	2,660	1,030	1,060	3,100	1,060	1,230	488	1,320
22	455	1,150	1,170	2,840	2,570	1,020	1,130	2,520	973	1,620	409	991
23	416	1,060	811	2,580	2,330	1,170	3,260	2,160	901	5,520	373	767
24	513	1,040	e800	2,270	2,180	1,330	8,030	1,990	824	3,240	349	646
25	813	1,780	e700	2,260	2,080	1,230	7,930	1,790	774	1,980	333	655
26	745	3,120	e700	2,210	1,960	1,170	4,780	1,630	728	1,470	325	1,680
27	596	2,490	e720	2,090	1,840	1,220	5,070	1,510	686	1,210	323	3,610
28	530	2,160	e750	1,870	1,780	2,200	5,000	1,440	686	1,030	324	2,640
29	522	2,340	e850	1,780	---	3,420	3,640	1,360	780	910	318	1,920
30	485	2,120	1,300	1,770	---	2,890	2,990	1,310	1,180	789	637	1,630
31	445	---	4,860	1,720	---	2,360	---	1,280	---	706	2,620	---
TOTAL	11,805	43,845	55,291	369,690	92,570	47,140	72,360	81,880	41,318	38,418	16,559	31,572
MEAN	381	1,462	1,784	11,930	3,306	1,521	2,412	2,641	1,377	1,239	534	1,052
MAX	813	3,120	4,860	55,700	8,270	3,420	8,030	9,550	5,120	5,520	2,620	3,610
MIN	225	429	700	1,720	1,470	1,020	1,060	1,280	686	428	318	374
CFSM	0.22	0.86	1.04	6.99	1.94	0.89	1.41	1.55	0.81	0.73	0.31	0.62
IN.	0.26	0.96	1.20	8.06	2.02	1.03	1.58	1.78	0.90	0.84	0.36	0.69

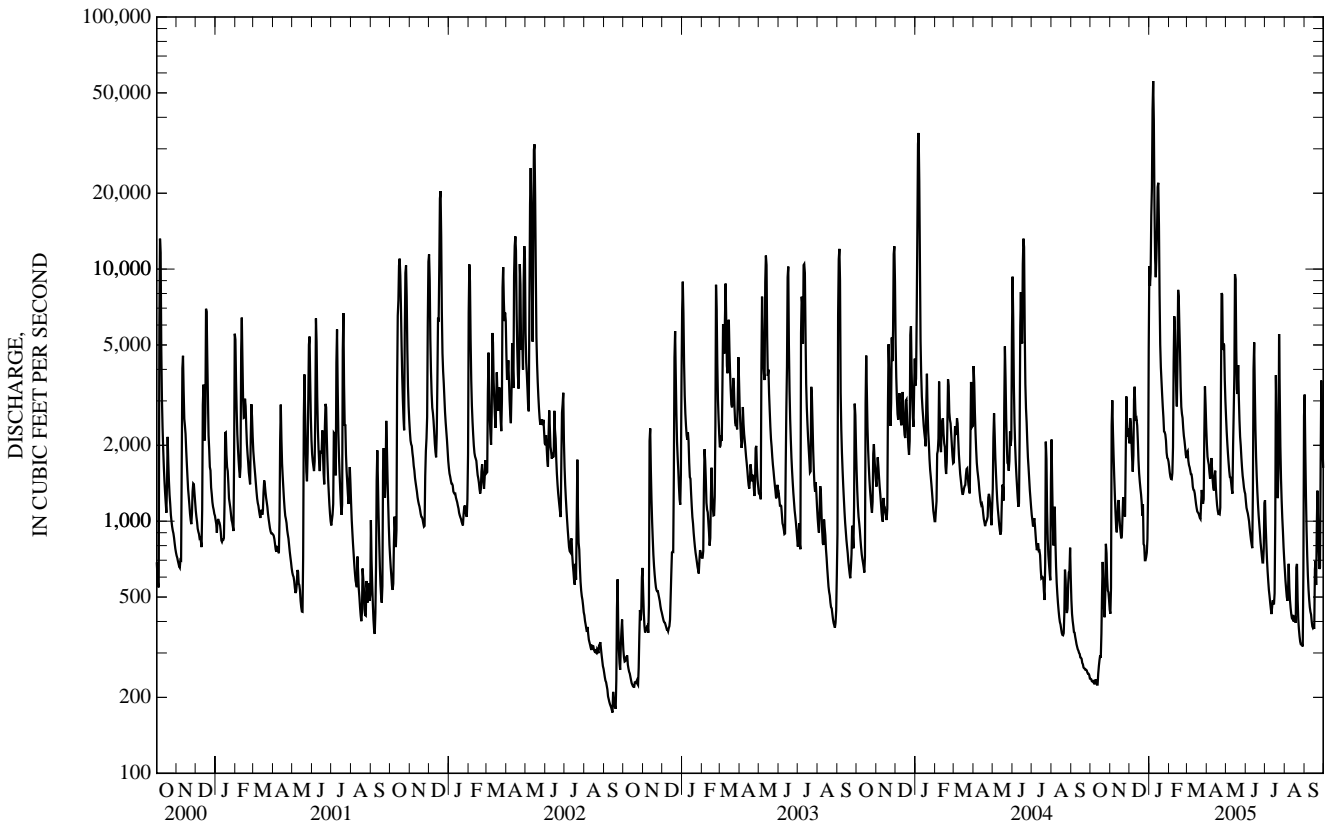
## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1949 - 2005, BY WATER YEAR (WY)

MEAN	633	1,367	1,999	2,797	2,938	3,173	3,051	2,637	1,812	1,308	739	560
MAX	4,096	8,137	6,004	14,400	8,640	8,014	7,466	10,960	8,272	4,990	5,185	3,696
(WY)	(2002)	(1994)	(1967)	(1950)	(1950)	(1963)	(1964)	(1996)	(1998)	(1958)	(1979)	(1989)
MIN	104	172	191	163	342	829	852	532	325	161	136	101
(WY)	(1995)	(1955)	(1964)	(1977)	(1964)	(1954)	(1971)	(1976)	(1988)	(1954)	(1954)	(1954)

03364000 EAST FORK WHITE RIVER AT COLUMBUS, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1949 - 2005	
ANNUAL TOTAL	689,538		902,448			
ANNUAL MEAN	1,884		2,472		1,913	
HIGHEST ANNUAL MEAN					3,304 1950	
LOWEST ANNUAL MEAN					534 1954	
HIGHEST DAILY MEAN	34,700	Jan 6	55,700	Jan 7	55,700	Jan 7, 2005
LOWEST DAILY MEAN	225	Oct 7	225	Oct 7	85	Sep 22, 1994
ANNUAL SEVEN-DAY MINIMUM	229	Oct 6	229	Oct 6	90	Sep 28, 1954
MAXIMUM PEAK FLOW			57,300		57,300	
MAXIMUM PEAK STAGE			17.05		17.05	
ANNUAL RUNOFF (CF5M)	1.10		1.45		1.12	
ANNUAL RUNOFF (INCHES)	15.03		19.67		15.22	
10 PERCENT EXCEEDS	3,060		4,300		4,260	
50 PERCENT EXCEEDS	1,240		1,310		999	
90 PERCENT EXCEEDS	309		414		255	

e Estimated



## 03364500 CLIFTY CREEK AT HARTSVILLE, IN

LOCATION.--Lat 39°16'29", long 85°42'06", in NW<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub> sec.36, T.10 N., R.7 E., Bartholomew County, Hydrologic Unit 05120206, (HARTSVILLE, IN quadrangle), at downstream side of left abutment of county highway bridge, 0.2 mi north of Hartsville, 5.9 mi upstream from Duck Creek, and at mile 22.0.

DRAINAGE AREA.--91.4 mi<sup>2</sup>.

PERIOD OF RECORD.--February 1948 to current year.

REVISED RECORDS.--WSP 1335: 1950. WSP 1725: 1949(M). WSP 2109: Drainage area. WDR IN-74-1: 1973.

GAGE.--Water-stage recorder. Datum of gage is 677.34 ft above National Geodetic Vertical Datum of 1929. Prior to Sept. 24, 1952, nonrecording gage at same site and datum.

REMARKS.--Records fair except those below 1.0 ft<sup>3</sup>/s and estimated daily discharges, which are poor.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in 1913 reached an elevation of 702.4 ft above National Geodetic Vertical Datum of 1929, from floodmarks, upstream from bridge.

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	0.07	8.8	77	766	43	69	126	98	41	16	4.4	84
2	0.00	23	114	448	42	62	117	84	39	13	3.9	31
3	0.00	34	85	2,400	42	55	104	74	38	11	3.4	17
4	0.00	50	62	1,580	43	55	89	66	37	9.0	2.9	11
5	0.00	37	51	3,080	50	56	80	60	34	8.0	3.9	8.5
6	0.00	27	44	3,650	70	50	72	56	40	7.3	12	6.8
7	0.00	22	70	e650	111	51	95	55	34	6.5	11	5.7
8	0.00	17	119	e550	556	51	95	52	30	5.8	7.0	5.1
9	0.00	14	90	e450	344	43	75	48	28	11	5.3	4.5
10	0.00	13	84	e300	226	41	67	46	26	6.0	4.1	4.1
11	0.00	15	86	e600	146	43	61	45	56	4.4	3.6	4.0
12	0.00	28	104	1,080	118	43	60	96	153	6.1	3.2	3.8
13	0.00	27	88	749	107	39	101	83	843	7.6	2.8	3.4
14	0.00	26	60	950	374	35	77	601	231	7.4	3.0	3.1
15	0.00	21	48	348	333	33	60	549	115	7.0	3.2	3.0
16	0.00	18	44	221	229	32	53	241	72	25	4.2	3.3
17	0.06	16	41	e130	174	32	50	152	53	31	4.4	3.1
18	22	16	37	e95	128	33	48	115	43	31	4.2	2.7
19	102	20	36	e100	102	32	46	99	36	30	91	2.7
20	47	46	24	100	92	32	43	109	31	26	55	6.0
21	22	45	e20	88	92	30	45	84	28	16	21	8.8
22	13	33	e21	e50	78	29	50	73	26	16	11	8.9
23	10	28	e20	e44	70	53	393	68	23	43	7.5	6.5
24	13	63	e17	e44	69	66	334	60	21	23	5.5	5.3
25	14	204	e16	e50	66	54	187	53	19	14	4.4	5.0
26	22	125	e16	e60	61	48	201	49	17	10	3.8	32
27	16	77	e18	e40	57	44	377	47	21	10	3.7	46
28	13	98	e23	e25	62	712	196	47	28	9.5	3.2	26
29	10	101	e32	e45	---	590	142	43	17	7.6	2.9	18
30	9.6	73	112	51	---	287	119	48	15	6.3	21	14
31	8.3	---	1,520	46	---	182	---	48	---	5.2	187	---
TOTAL	322.03	1,325.8	3,179	18,790	3,885	2,982	3,563	3,349	2,195	429.7	503.5	383.3
MEAN	10.4	44.2	103	606	139	96.2	119	108	73.2	13.9	16.2	12.8
MAX	102	204	1,520	3,650	556	712	393	601	843	43	187	84
MIN	0.00	8.8	16	25	42	29	43	43	15	4.4	2.8	2.7
CFSM	0.11	0.48	1.12	6.63	1.52	1.05	1.30	1.18	0.80	0.15	0.18	0.14
IN.	0.13	0.54	1.29	7.65	1.58	1.21	1.45	1.36	0.89	0.17	0.20	0.16

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

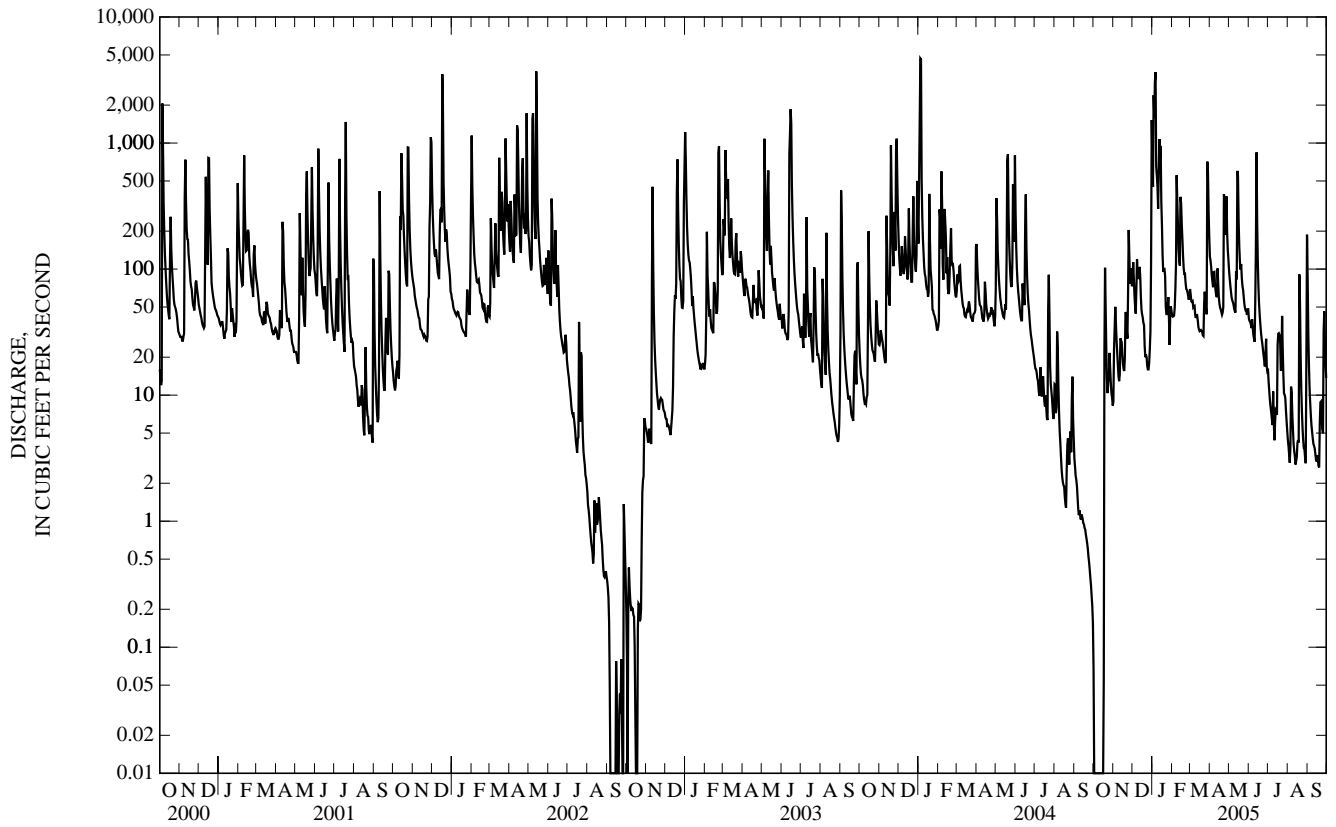
MEAN	25.4	72.6	119	168	163	176	157	141	83.3	54.7	30.2	18.1
MAX	196	431	515	874	551	465	572	482	487	242	264	261
(WY)	(2002)	(1986)	(1991)	(1949)	(1950)	(1961)	(1996)	(1996)	(1998)	(1992)	(1995)	(1974)
MIN	0.00	0.00	0.13	1.47	7.17	21.1	17.7	10.9	1.16	0.00	0.00	0.00
(WY)	(1954)	(1954)	(1954)	(1977)	(1954)	(1954)	(1976)	(1976)	(1988)	(1954)	(1954)	(1953)

WABASH RIVER BASIN

03364500 CLIFTY CREEK AT HARTSVILLE, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1949 - 2005	
ANNUAL TOTAL	36,038.94		40,907.33		100	
ANNUAL MEAN	98.5		112		197	
HIGHEST ANNUAL MEAN					1950	
LOWEST ANNUAL MEAN					1954	
HIGHEST DAILY MEAN	4,690	Jan 4	3,650	Jan 6	6,230	Apr 29, 1996
LOWEST DAILY MEAN	0.00	Oct 2	0.00	Oct 2	0.00	Oct 14, 1948
ANNUAL SEVEN-DAY MINIMUM	0.00	Oct 2	0.00	Oct 2	0.00	Sep 2, 1951
MAXIMUM PEAK FLOW			4,850	Jan 6	11,300	Jan 21, 1959
MAXIMUM PEAK STAGE			9.43	Jan 6	14.29	Jan 21, 1959
ANNUAL RUNOFF (CF5M)	1.08		1.23		1.10	
ANNUAL RUNOFF (INCHES)	14.67		16.65		14.94	
10 PERCENT EXCEEDS	150		198		219	
50 PERCENT EXCEEDS	42		41		33	
90 PERCENT EXCEEDS	1.1		3.9		0.90	

e Estimated



03365500 EAST FORK WHITE RIVER AT SEYMOUR, IN

LOCATION.--Lat 38°58'57", long 85°53'57", in NW¼NE¼ sec. 7, T.6 N., R.6 E., Jackson County, Hydrologic Unit 05120206, (SEYMOUR, IN quadrangle), on left bank 1,700 ft downstream from county road highway bridge, 1 mi north of Seymour, 9.5 mi downstream from Sand Creek, and at mile 214.6.

DRAINAGE AREA.--2,341 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1927 to current year. Yearly maximum discharge only for water years 1924-27 published in WSP 1305. Daily gage heights from May 1923 to September 1927 are available in the district office.

REVISED RECORDS.--WSP 743: 1928-29, 1931-32. WSP 783: 1934. WSP 873: 1938. WSP 1335: 1928(M), 1929-30, 1932-33(M), 1937(M), 1942. WSP 1435: 1949. WSP 1705: 1958. WSP 2109: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 550.67 ft above National Geodetic Vertical Datum of 1929. Oct. 1, 1927 to July 2, 1931, nonrecording gage 1,700 ft upstream at datum 7.61 ft higher. July 3, 1931 to July 16, 1934, nonrecording gage at site 100 ft downstream at present datum.

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

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Mar. 26, 1913, reached a stage of 21.0 ft, from information by Corps of Engineers and Indiana Department of Highways, discharge, 120,000 ft<sup>3</sup>/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	349	702	2,630	13,800	2,750	2,850	3,730	3,980	1,780	1,450	945	4,250
2	349	808	2,940	14,000	2,630	2,910	3,170	3,410	1,650	1,330	885	3,130
3	342	1,770	3,180	11,900	2,540	2,730	2,940	3,000	1,570	1,130	839	2,010
4	340	3,650	2,790	32,800	2,470	2,570	2,700	2,700	1,520	1,020	793	1,400
5	337	3,210	2,350	40,800	2,420	2,490	2,530	2,460	1,450	939	756	1,080
6	336	2,470	2,040	57,200	2,400	2,430	2,330	2,250	1,400	877	767	898
7	336	1,910	2,090	59,600	2,700	2,330	2,300	2,100	1,340	832	934	790
8	333	1,520	3,560	54,400	5,880	2,290	2,780	2,030	1,250	793	885	728
9	334	1,240	4,380	39,300	8,300	2,220	2,620	1,990	1,200	758	786	688
10	334	1,050	4,050	22,900	8,210	2,080	2,300	1,850	1,150	726	731	647
11	325	1,020	3,540	13,000	7,130	2,000	2,080	1,740	1,150	703	703	621
12	322	2,200	3,390	19,200	5,690	1,970	1,990	1,960	1,310	719	707	598
13	331	1,740	3,290	21,900	4,760	1,910	2,090	3,280	5,830	724	718	574
14	343	1,520	2,870	32,800	5,410	1,830	3,000	4,520	6,970	731	687	554
15	361	1,320	2,390	35,100	8,140	1,730	2,440	8,660	5,550	735	666	546
16	367	1,130	2,020	30,800	9,530	1,660	2,020	10,200	3,760	735	646	540
17	371	1,030	1,820	e17,000	8,750	1,600	1,820	9,000	2,820	774	651	553
18	592	963	1,680	e8,690	7,350	1,560	1,690	5,630	2,290	2,260	637	786
19	2,610	1,010	1,550	6,870	5,870	1,540	1,600	4,380	1,950	3,590	1,140	711
20	1,590	1,450	1,390	6,100	4,780	1,510	1,520	8,100	1,730	2,310	1,720	747
21	1,280	1,520	1,260	5,490	4,310	1,470	1,480	6,080	1,560	1,660	1,070	1,250
22	897	1,450	1,230	4,970	4,080	1,440	1,500	4,310	1,430	1,460	818	1,230
23	762	1,290	839	4,450	3,760	1,500	1,910	3,500	1,320	3,490	688	994
24	747	1,200	e820	3,980	3,470	2,000	6,530	3,040	1,230	5,110	621	826
25	917	1,610	e760	3,770	3,280	1,960	8,290	2,720	1,150	3,010	581	748
26	1,100	3,140	e760	3,700	3,110	1,780	7,610	2,450	1,090	2,150	556	955
27	1,010	3,330	e780	3,500	2,930	1,710	7,060	2,230	1,030	1,700	536	3,010
28	916	2,840	e800	3,200	2,810	4,460	7,170	2,100	1,050	1,420	527	3,530
29	850	2,880	e900	3,000	---	10,700	5,940	1,970	1,120	1,250	515	2,620
30	806	2,810	1,560	2,950	---	6,560	4,700	1,880	1,200	1,110	589	2,030
31	738	---	6,900	2,860	---	4,690	---	1,850	---	1,010	2,630	---
TOTAL	20,625	53,783	70,559	580,030	135,460	80,480	99,840	115,370	59,850	46,506	25,727	39,044
MEAN	665	1,793	2,276	18,710	4,838	2,596	3,328	3,722	1,995	1,500	830	1,301
MAX	2,610	3,650	6,900	59,600	9,530	10,700	8,290	10,200	6,970	5,110	2,630	4,250
MIN	322	702	760	2,860	2,400	1,440	1,480	1,740	1,030	703	515	540
CFSM	0.28	0.77	0.97	7.99	2.07	1.11	1.42	1.59	0.85	0.64	0.35	0.56
IN.	0.33	0.85	1.12	9.22	2.15	1.28	1.59	1.83	0.95	0.74	0.41	0.62

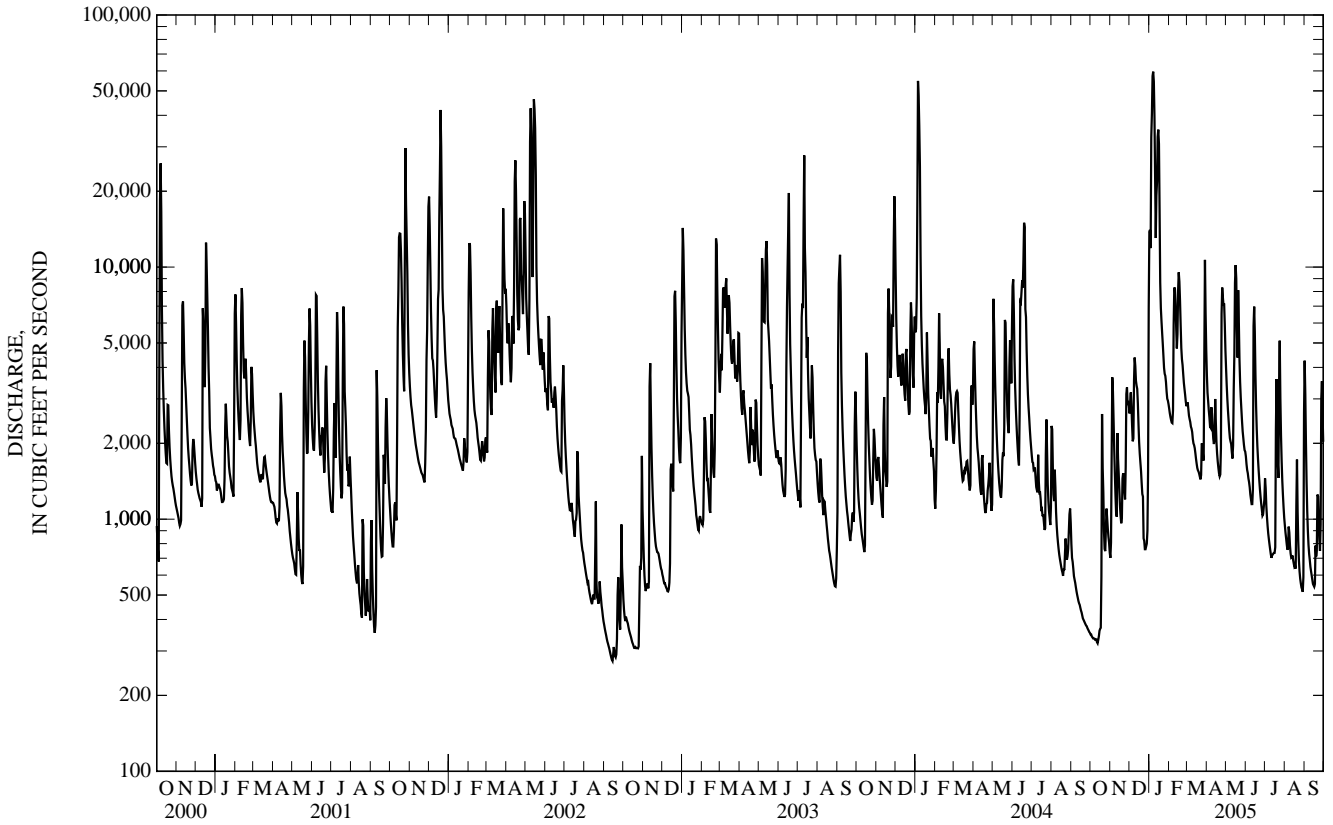
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 2005, BY WATER YEAR (WY)

MEAN	817	1,652	2,620	4,022	3,947	4,490	4,319	3,615	2,412	1,631	954	679
MAX	6,426	11,570	9,245	19,560	12,290	10,690	9,523	17,020	12,630	6,040	8,795	4,244
(WY)	(2002)	(1994)	(1928)	(1950)	(1950)	(1963)	(2002)	(1996)	(1998)	(1979)	(1979)	(1989)
MIN	162	182	207	192	373	299	356	264	394	199	148	136
(WY)	(1941)	(1935)	(1964)	(1977)	(1931)	(1941)	(1941)	(1941)	(1931)	(1941)	(1941)	(1941)

03365500 EAST FORK WHITE RIVER AT SEYMOUR, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1928 - 2005	
ANNUAL TOTAL	981,122		1,327,274			
ANNUAL MEAN	2,681		3,636		2,590	
HIGHEST ANNUAL MEAN					4,870	
LOWEST ANNUAL MEAN					287	
HIGHEST DAILY MEAN	54,800	Jan 5	59,600	Jan 7	63,500	Jan 6, 1949
LOWEST DAILY MEAN	322	Oct 12	322	Oct 12	86	Sep 28, 1941
ANNUAL SEVEN-DAY MINIMUM	331	Oct 7	331	Oct 7	93	Sep 25, 1941
MAXIMUM PEAK FLOW			62,100		78,500	
MAXIMUM PEAK STAGE			19.40		19.67	
ANNUAL RUNOFF (CFSM)	1.15		1.55		1.11	
ANNUAL RUNOFF (INCHES)	15.59		21.09		15.03	
10 PERCENT EXCEEDS	4,740		6,880		5,870	
50 PERCENT EXCEEDS	1,600		1,830		1,260	
90 PERCENT EXCEEDS	483		660		304	

e Estimated





03366500 MUSCATATUCK RIVER NEAR DEPUTY, IN

LOCATION.--Lat 38°48'15", long 85°40'26", in SW<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub> sec.7, T.4 N., R.8 E., Jefferson County, Hydrologic Unit 05120207, (DEPUTY, IN quadrangle), on left bank approximately 100 ft downstream of highway bridge, 1.4 mi northwest of Deputy, 1.9 mi upstream from Coffee Creek, 2.4 mi downstream from confluence of Graham Creek and Big Creek, and at mile 50.0.

DRAINAGE AREA.--293 mi<sup>2</sup>.

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

REVISED RECORDS.--WSP 1335: 1948. WSP 2109: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 540.00 ft above National Geodetic Vertical Datum of 1929. Prior to June 22, 1955, nonrecording gage at same site. Prior to Aug. 25, 1983, at datum 1.17 ft higher.

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	1.1	178	396	3,440	e158	294	356	186	53	14	9.0	340
2	1.3	874	476	1,260	e160	311	301	159	e52	13	8.3	132
3	1.2	1,440	305	5,030	e160	246	307	141	51	12	7.8	74
4	1.5	531	240	6,640	e160	224	264	129	52	11	7.5	49
5	1.3	345	204	10,200	e155	214	217	119	46	11	7.3	35
6	1.1	255	213	12,300	e155	204	189	111	41	11	8.1	26
7	1.0	198	484	2,680	e160	197	185	104	38	10	9.2	21
8	1.1	164	716	1,350	1,850	298	205	103	35	10	8.1	18
9	1.2	139	425	1,010	1,120	242	231	98	33	9.5	7.2	15
10	1.2	122	981	637	583	208	190	93	30	8.9	6.6	13
11	1.2	1,160	675	621	400	194	165	87	29	8.9	6.3	11
12	1.2	5,200	538	1,610	313	190	157	88	37	11	6.1	9.4
13	1.6	1,210	367	1,310	349	189	451	84	143	15	6.4	8.6
14	2.7	453	269	3,560	989	182	493	237	169	17	13	7.7
15	4.7	297	216	952	779	172	275	291	192	22	12	7.1
16	6.7	233	189	551	457	164	196	179	125	21	14	8.5
17	5.3	203	173	420	343	159	164	134	67	18	17	9.2
18	1,700	181	161	e318	279	155	149	112	48	15	16	7.2
19	4,520	1,130	153	e296	242	152	137	301	38	24	1,330	6.8
20	573	1,670	133	e271	224	152	127	3,170	32	23	628	14
21	261	589	130	e258	235	149	121	664	28	27	127	16
22	177	365	119	e242	243	145	119	282	25	50	64	18
23	138	293	e113	e220	229	163	539	185	22	86	39	19
24	129	386	e106	e212	212	210	857	135	19	53	27	121
25	161	622	e101	e204	210	226	362	109	18	34	20	46
26	156	413	e96	e196	208	198	259	90	16	23	18	67
27	258	281	e93	e188	201	187	891	80	15	17	14	175
28	316	479	e93	e183	200	7,840	425	77	14	14	13	104
29	220	462	e90	e175	---	3,770	260	71	17	13	13	56
30	174	302	e1,140	e169	---	895	215	62	15	11	300	38
31	164	---	7,630	e163	---	504	---	57	---	10	1,650	---
TOTAL	8,982.4	20,175	17,025	56,666	10,774	18,434	8,807	7,738	1,500	623.3	4,412.9	1,472.5
MEAN	290	672	549	1,828	385	595	294	250	50.0	20.1	142	49.1
MAX	4,520	5,200	7,630	12,300	1,850	7,840	891	3,170	192	86	1,650	340
MIN	1.0	122	90	163	155	145	119	57	14	8.9	6.1	6.8
CFSM	0.99	2.30	1.87	6.24	1.31	2.03	1.00	0.85	0.17	0.07	0.49	0.17
IN.	1.14	2.56	2.16	7.19	1.37	2.34	1.12	0.98	0.19	0.08	0.56	0.19

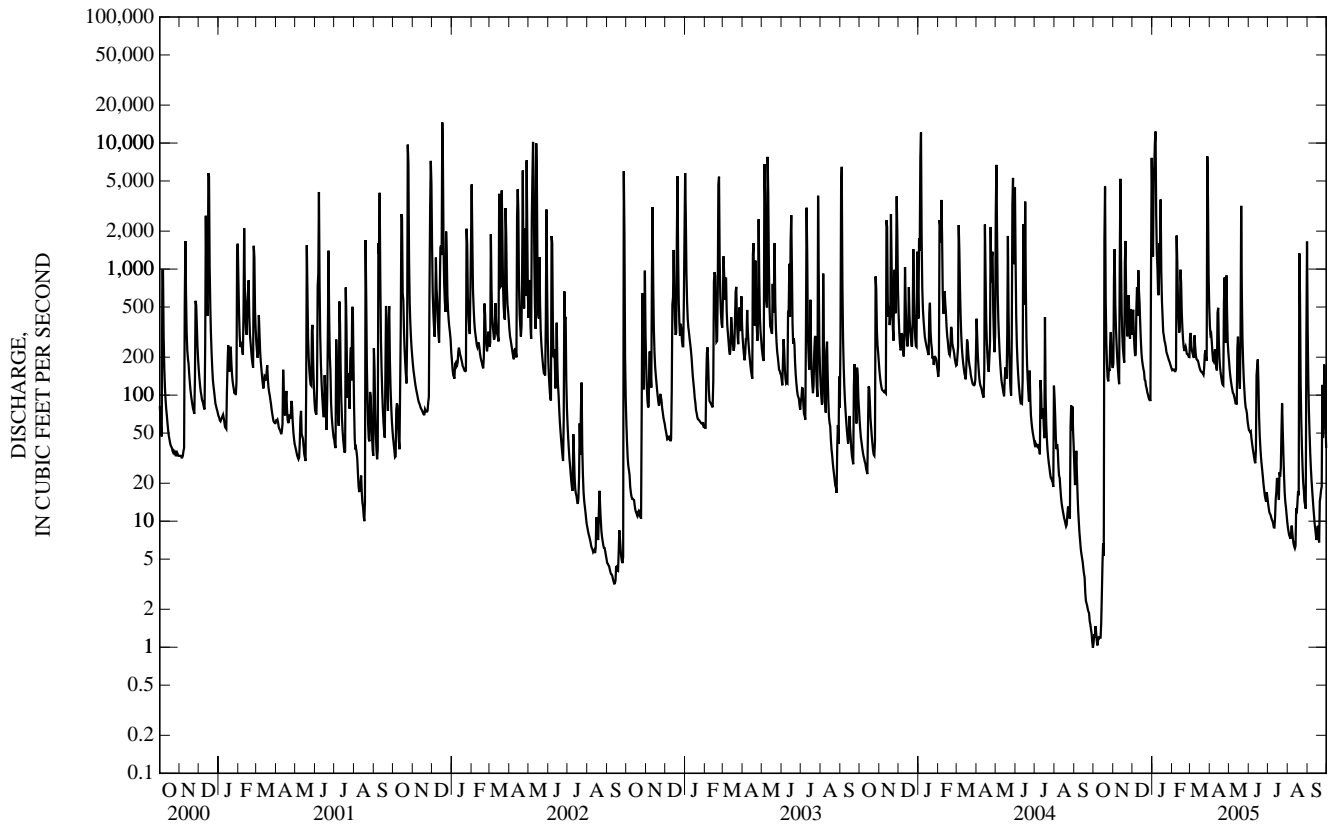
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1949 - 2005, BY WATER YEAR (WY)

MEAN	79.2	267	459	634	635	699	574	491	248	153	93.7	65.5
MAX	912	1,438	1,723	2,896	1,826	2,055	1,957	1,967	1,552	661	748	480
(WY)	(2002)	(1980)	(1991)	(1950)	(1950)	(1964)	(1996)	(1983)	(1997)	(1958)	(1992)	(1974)
MIN	0.00	0.15	0.21	9.24	18.1	65.2	68.8	23.8	9.46	0.42	0.00	0.00
(WY)	(1954)	(1964)	(1964)	(1977)	(1954)	(1954)	(2001)	(1976)	(1988)	(1954)	(1954)	(1954)

03366500 MUSCATATUCK RIVER NEAR DEPUTY, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1949 - 2005	
ANNUAL TOTAL	170,369.99		156,610.1		365	
ANNUAL MEAN	465		429		25.3	
HIGHEST ANNUAL MEAN					687	2002
LOWEST ANNUAL MEAN					25.3	1954
HIGHEST DAILY MEAN	12,100	Jan 5	12,300	Jan 6	32,400	Jan 21, 1959
LOWEST DAILY MEAN	0.99	Sep 30	1.0	Oct 7	0.00	Oct 1, 1948
ANNUAL SEVEN-DAY MINIMUM	1.1	Oct 6	1.1	Oct 6	0.00	Oct 1, 1948
MAXIMUM PEAK FLOW			15,000	Jan 6	52,200	Jan 21, 1959
MAXIMUM PEAK STAGE			24.03	Jan 6	34.27	Jan 21, 1959
ANNUAL RUNOFF (CFSM)	1.59		1.46		1.25	
ANNUAL RUNOFF (INCHES)	21.63		19.88		16.94	
10 PERCENT EXCEEDS	1,130		810		760	
50 PERCENT EXCEEDS	164		159		81	
90 PERCENT EXCEEDS	6.5		9.0		3.7	

e Estimated



03368000 BRUSH CREEK NEAR NEBRASKA, IN

LOCATION.--Lat 39°04'13", long 85°29'10" in NW<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub> sec.11, T.7 N., R.9 E., Jennings County, Hydrologic Unit 05120207, (HOLTON, IN quadrangle), at upstream side of bridge on right bank on county road, 1.5 mi northwest of Nebraska, 2.9 mi northeast of Butlerville, and 3.6 mi upstream from Brush Creek Dam.

DRAINAGE AREA.--11.4 mi<sup>2</sup>.

PERIOD OF RECORD.--May 1955 to current year.

REVISED RECORDS.--WSP 2109: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 717.17 ft above National Geodetic Vertical Datum of 1929 (levels by State of Indiana, Department of Natural Resources). Prior to November 1988 at site 100 ft upstream at same datum.

REMARKS.--Records fair except those for Oct. 26 - Dec. 19, Sept. 1-30 and estimated daily discharges and below 2.5 ft<sup>3</sup>/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	0.01	2.1	38	52	4.0	11	11	6.7	0.97	0.14	0.01	1.2
2	0.01	7.5	12	29	4.1	7.1	14	5.5	0.95	0.19	0.01	0.54
3	0.01	8.2	7.7	280	5.3	5.9	11	4.6	0.97	0.07	0.00	0.30
4	0.01	3.7	5.6	147	6.7	5.6	8.1	4.0	0.91	0.04	0.00	0.19
5	0.00	2.6	4.4	599	6.2	5.3	6.9	3.5	0.76	0.03	0.00	0.07
6	0.00	1.9	8.4	288	6.1	4.6	5.7	3.1	0.68	0.02	0.01	0.04
7	0.00	1.6	33	30	23	4.6	8.6	3.0	0.60	0.02	0.00	0.05
8	0.00	1.3	16	65	112	4.1	7.5	3.4	0.52	0.01	0.00	0.04
9	0.00	1.1	33	23	24	3.5	5.7	2.5	0.42	0.01	0.00	0.02
10	0.00	0.95	34	16	16	3.3	4.9	2.2	0.36	0.01	0.00	0.03
11	0.00	32	28	181	11	3.6	4.4	2.0	0.36	0.01	0.00	0.05
12	0.00	42	17	66	9.0	3.5	4.5	3.7	27	0.02	0.00	0.05
13	0.00	8.4	12	204	20	3.2	16	2.7	19	0.20	0.00	0.05
14	0.00	4.1	9.0	55	55	2.8	11	22	1.7	0.14	0.00	0.04
15	0.01	3.5	7.7	19	19	2.7	6.8	10	0.93	0.11	0.00	0.04
16	0.00	2.9	7.6	14	18	2.6	5.4	5.0	0.51	5.0	0.00	0.04
17	0.00	2.5	6.6	9.6	12	2.5	4.7	3.5	0.36	0.83	0.00	0.03
18	51	2.5	5.3	7.7	8.9	2.4	4.1	2.8	0.27	0.22	0.00	0.06
19	29	52	4.7	7.4	7.0	2.7	3.6	54	0.22	0.10	16	0.06
20	5.0	21	e4.7	6.8	7.0	2.4	3.2	26	0.18	0.07	0.75	1.7
21	3.0	10	e4.6	6.0	13	2.2	3.7	8.6	0.14	0.05	0.18	0.62
22	2.0	7.4	e4.5	5.3	8.7	2.2	13	4.6	0.11	0.39	0.06	0.27
23	2.4	6.4	e4.4	4.1	6.8	21	87	3.1	0.08	0.13	0.03	0.22
24	4.4	12	e4.3	e3.9	6.6	12	23	2.2	0.07	0.07	0.02	0.75
25	2.7	15	e4.2	e3.7	6.2	7.7	13	1.8	0.06	0.05	0.01	0.59
26	2.2	6.7	e4.1	e3.4	5.7	6.4	44	1.4	0.05	0.03	0.01	18
27	4.9	8.2	e4.0	e3.2	5.0	5.6	27	1.2	0.50	0.02	0.01	1.5
28	3.6	31	e5.4	3.1	8.3	355	13	1.5	0.20	0.02	0.01	0.58
29	2.5	11	e12	3.5	---	37	10	1.1	0.08	0.01	0.01	0.99
30	2.0	9.1	e190	3.9	---	18	9.2	1.5	0.06	0.01	32	0.51
31	1.6	---	296	4.0	---	15	---	1.3	---	0.01	11	---
TOTAL	116.35	318.65	828.2	2,143.6	434.6	565.5	390.0	198.5	59.02	8.03	60.12	28.63
MEAN	3.75	10.6	26.7	69.1	15.5	18.2	13.0	6.40	1.97	0.26	1.94	0.95
MAX	51	52	296	599	112	355	87	54	27	5.0	32	18
MIN	0.00	0.95	4.0	3.1	4.0	2.2	3.2	1.1	0.05	0.01	0.00	0.02
CFSM	0.33	0.93	2.34	6.07	1.36	1.60	1.14	0.56	0.17	0.02	0.17	0.08
IN.	0.38	1.04	2.70	6.99	1.42	1.85	1.27	0.65	0.19	0.03	0.20	0.09

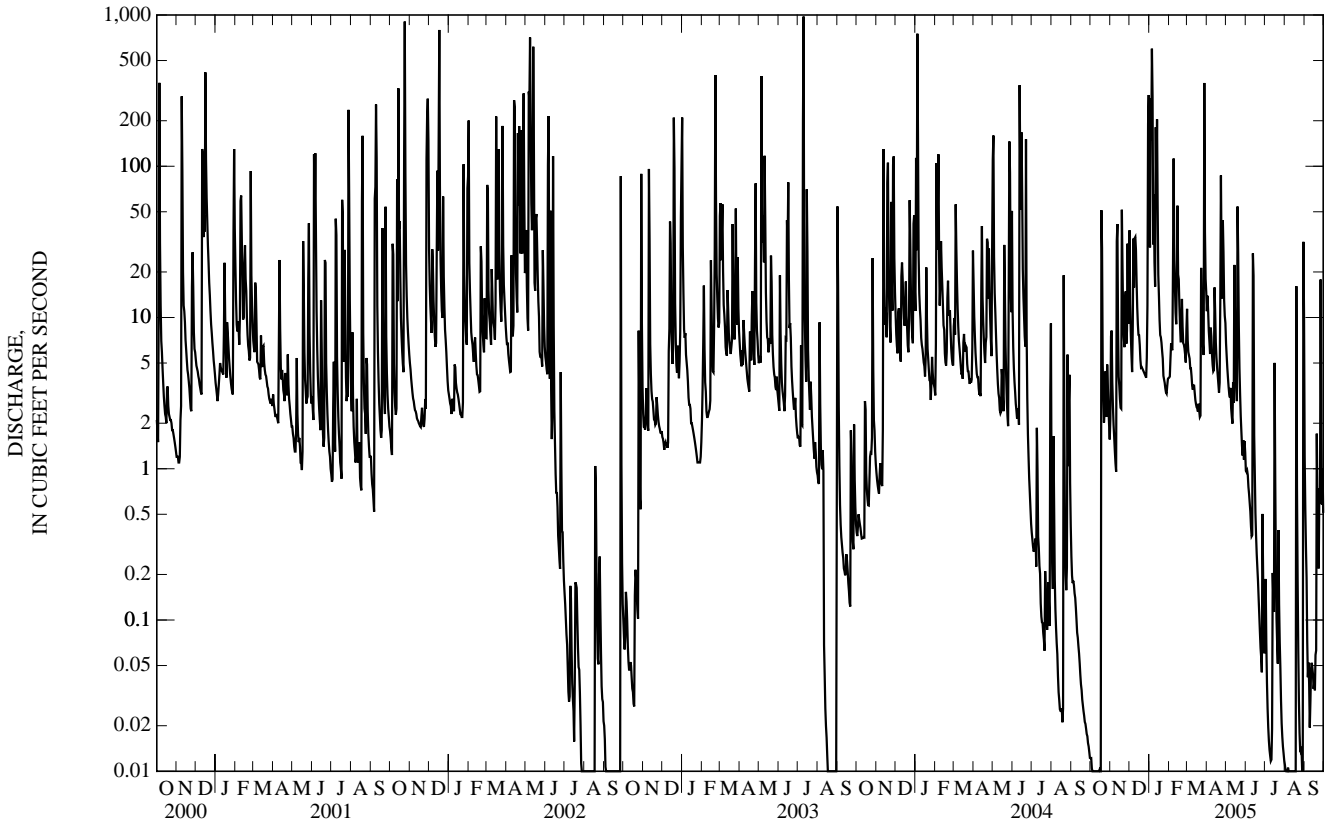
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1956 - 2005, BY WATER YEAR (WY)

MEAN	3.78	10.4	18.0	20.9	22.0	26.8	25.1	21.3	10.1	7.61	4.36	2.08
MAX	58.5	64.5	86.9	70.4	51.8	89.6	79.9	88.8	45.6	72.0	41.9	22.4
(WY)	(2002)	(1986)	(1991)	(1959)	(1971)	(1963)	(1998)	(2002)	(1997)	(1962)	(1978)	(2001)
MIN	0.00	0.00	0.00	0.06	1.44	4.22	2.12	0.76	0.12	0.02	0.00	0.00
(WY)	(1958)	(1964)	(1964)	(1977)	(1964)	(1969)	(1976)	(1976)	(1965)	(1970)	(1964)	(1957)

03368000 BRUSH CREEK NEAR NEBRASKA, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1956 - 2005	
ANNUAL TOTAL	5,557.75		5,151.20		14.3	
ANNUAL MEAN	15.2		14.1		31.2	
HIGHEST ANNUAL MEAN					5.92	
LOWEST ANNUAL MEAN					1977	
HIGHEST DAILY MEAN	752	Jan 4	599	Jan 5	1,460	Jan 21, 1959
LOWEST DAILY MEAN	0.00	Oct 5	0.00	Oct 5	0.00	Oct 4, 1955
ANNUAL SEVEN-DAY MINIMUM	0.00	Oct 5	0.00	Oct 5	0.00	Aug 6, 1956
MAXIMUM PEAK FLOW			1,210		9,360	
MAXIMUM PEAK STAGE			7.41		12.99	
ANNUAL RUNOFF (CF5M)	1.33		1.24		1.26	
ANNUAL RUNOFF (INCHES)	18.14		16.81		17.09	
10 PERCENT EXCEEDS	29		25		25	
50 PERCENT EXCEEDS	4.3		3.5		2.3	
90 PERCENT EXCEEDS	0.03		0.01		0.00	

e Estimated



## 03369500 VERNON FORK MUSCATATUCK RIVER AT VERNON, IN

LOCATION.--Lat 38°58'35", long 85°37'11", in NW<sup>1</sup>/<sub>4</sub>SE<sup>1</sup>/<sub>4</sub> sec.10, T.6 N., R.8 E., Jennings County, Hydrologic Unit 05120207, (VERNON, IN quadrangle), at left upstream side of bridge, 1 mi southwest of Vernon, 3.1 mi downstream from Otter Creek, and at mile 36.4.

DRAINAGE AREA.--198 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1939 to current year. Monthly discharge only for some periods, published in WSP 1305. Prior to October 1979, published as Vernon Fork at Vernon.

REVISED RECORDS.--WSP 1335: 1940, 1953. WSP 1909: 1952-53. WSP 2109: Drainage area. WDR IN-91-1: 1990. WDR IN-95-1: 1991-94 (M). WDR IN-99-1: 1991-94, 1998 (M).

GAGE.--Water-stage recorder. Datum of gage is 585.00 ft above National Geodetic Vertical Datum of 1929, (levels by State of Indiana, Department of Natural Resources). Prior to Jan. 14, 1940, and June 23 to Nov. 13, 1967, nonrecording gage, and Jan. 14, 1940, to June 22, 1967, water-stage recorder at site on right bank. Prior to Aug. 8, 1983, datum 2.30 ft higher.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Diversion above station for municipal water supply of North Vernon and Vernon. Part of this diversion returned above gage as sewage effluent by North Vernon Sewage Treatment Plant. Some regulation at times at low flow by Old Timbers Lake on Jefferson Proving Grounds and Brush Creek Reservoir.

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	e1.5	46	354	1,550	e86	160	218	174	47	7.6	3.6	177
2	e1.5	104	281	623	e86	142	206	152	39	8.3	3.4	104
3	e1.4	224	190	3,560	e86	123	219	140	39	10	3.4	60
4	e1.4	154	159	2,880	e85	114	181	130	40	8.5	5.6	25
5	e1.5	120	142	8,920	e84	111	165	121	33	7.4	6.5	17
6	e1.5	90	157	6,720	e85	105	151	113	28	6.3	53	13
7	e1.6	72	249	986	154	97	152	102	23	5.4	59	11
8	e1.6	57	366	1,170	1,500	98	174	102	19	5.0	21	9.2
9	e1.7	48	228	573	441	89	158	93	16	4.4	12	8.0
10	e1.8	43	412	365	286	80	142	83	14	3.7	7.6	6.9
11	e1.9	162	277	1,480	217	79	134	60	13	3.8	6.8	6.5
12	e1.8	777	256	2,020	186	82	131	59	18	9.3	15	5.2
13	e1.8	228	177	1,500	186	79	183	62	981	16	21	4.8
14	e1.7	142	142	2,310	637	71	262	229	213	31	27	5.6
15	e1.7	110	119	474	390	64	174	295	127	40	22	6.3
16	e1.7	91	104	295	258	61	148	146	72	37	22	5.2
17	e1.6	81	96	219	239	59	136	107	47	124	19	5.5
18	e600	108	88	176	187	58	129	86	34	70	16	5.3
19	867	398	82	e161	166	57	122	107	26	43	1,610	5.0
20	449	480	62	e148	155	58	92	573	22	32	225	44
21	193	223	64	e139	174	56	81	186	17	33	85	34
22	89	171	61	e130	167	53	92	132	15	37	46	22
23	58	153	54	e118	149	87	638	105	12	21	28	15
24	62	157	e39	e113	143	250	434	87	10	19	15	49
25	84	253	e38	e108	144	169	226	70	9.2	13	9.0	47
26	65	182	e36	e105	121	153	226	57	7.8	9.5	8.3	197
27	145	147	e35	e100	109	143	605	50	7.9	7.1	9.6	156
28	121	319	e35	e94	106	4,460	269	51	8.2	6.0	7.9	69
29	84	223	e90	e93	---	1,290	208	48	9.5	4.9	6.5	48
30	63	170	352	e90	---	402	188	47	9.6	4.2	246	37
31	48	---	4,860	e87	---	274	---	49	---	3.9	611	---
TOTAL	2,955.7	5,533	9,605	37,307	6,627	9,124	6,244	3,816	1,957.2	631.3	3,231.2	1,198.5
MEAN	95.3	184	310	1,203	237	294	208	123	65.2	20.4	104	40.0
MAX	867	777	4,860	8,920	1,500	4,460	638	573	981	124	1,610	197
MIN	1.4	43	35	87	84	53	81	47	7.8	3.7	3.4	4.8
CFSM	0.48	0.93	1.56	6.08	1.20	1.49	1.05	0.62	0.33	0.10	0.53	0.20
IN.	0.56	1.04	1.80	7.01	1.25	1.71	1.17	0.72	0.37	0.12	0.61	0.23

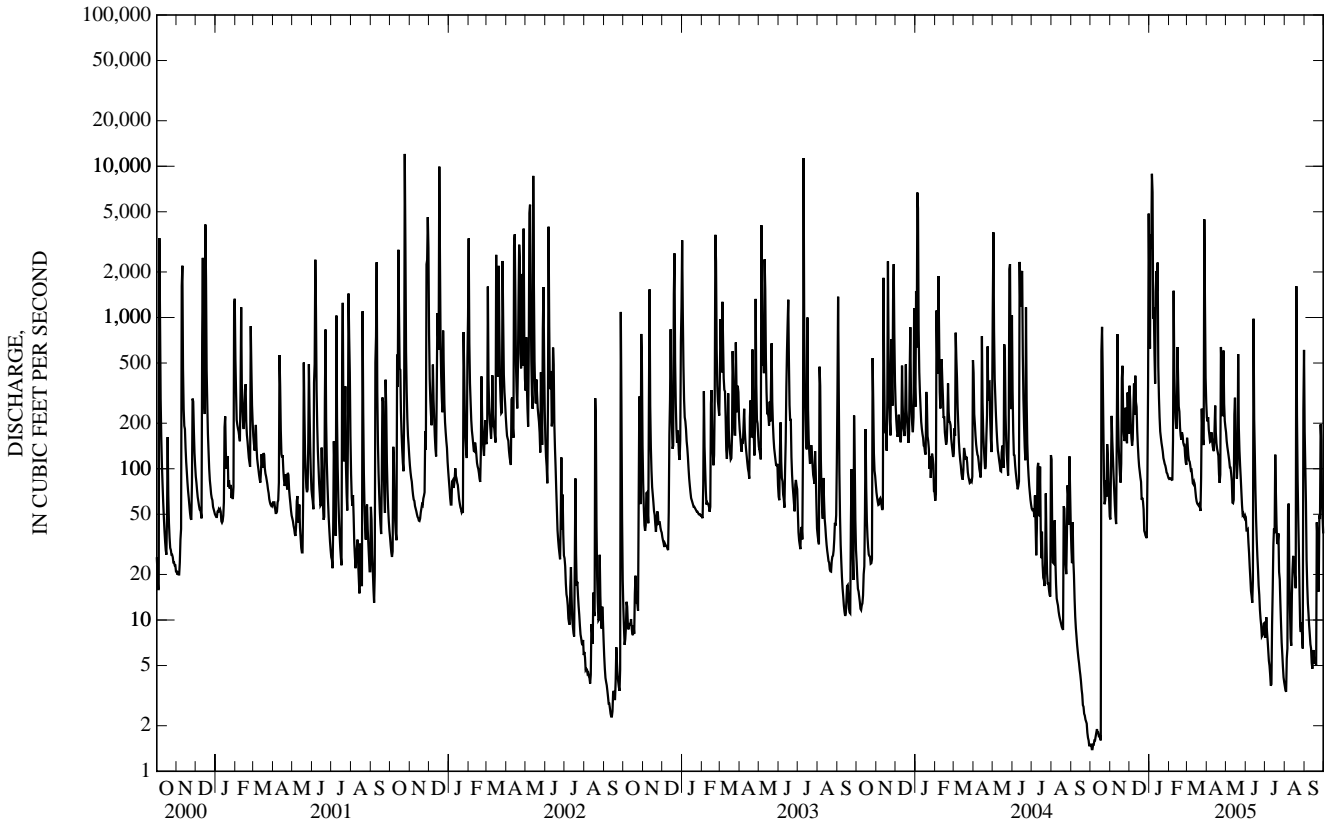
## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2005, BY WATER YEAR (WY)

	51.0	147	263	365	384	457	408	314	173	104	65.7	37.1
MEAN	51.0	147	263	365	384	457	408	314	173	104	65.7	37.1
MAX	771	986	962	2,049	1,188	1,798	1,402	1,440	963	581	639	284
(WY)	(2002)	(1986)	(1991)	(1950)	(1950)	(1945)	(1998)	(1968)	(1960)	(1962)	(1978)	(1974)
MIN	0.22	0.61	1.03	4.23	24.4	19.0	37.3	8.77	1.80	0.63	0.00	0.19
(WY)	(1941)	(1954)	(1944)	(1977)	(1964)	(1941)	(1941)	(1941)	(1988)	(1954)	(1940)	(1943)

03369500 VERNON FORK MUSCATATUCK RIVER AT VERNON, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1940 - 2005	
ANNUAL TOTAL	92,042.9		88,229.9		230	
ANNUAL MEAN	251		242		468	
HIGHEST ANNUAL MEAN					32.8	
LOWEST ANNUAL MEAN					1950	
HIGHEST DAILY MEAN	6,710	Jan 4	8,920	Jan 5	31,900	Jan 21, 1959
LOWEST DAILY MEAN	1.4	Oct 3	1.4	Oct 3	0.00	Aug 2, 1940
ANNUAL SEVEN-DAY MINIMUM	1.5	Sep 29	1.5	Oct 1	0.00	Aug 2, 1940
MAXIMUM PEAK FLOW			14,400		56,800	
MAXIMUM PEAK STAGE			18.05		32.83	
ANNUAL RUNOFF (CFSM)	1.27		1.22		1.16	
ANNUAL RUNOFF (INCHES)	17.29		16.58		15.78	
10 PERCENT EXCEEDS	440		376		462	
50 PERCENT EXCEEDS	109		87		51	
90 PERCENT EXCEEDS	6.0		5.8		2.9	

e Estimated



03371500 EAST FORK WHITE RIVER NEAR BEDFORD, IN

LOCATION.--Lat 38°46'13", long 86°24'35", in SW<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub> sec.21, T.4 N., R.1 E., Lawrence County, Hydrologic Unit 05120208, (BEDFORD EAST, IN quadrangle), on right downstream side of county road bridge, 0.4 mi upstream from Mill Creek, 2.9 mi downstream from Sugar Creek, 3.9 mi northeast of Mitchell, 7.8 mi southeast of Bedford, and at mile 153.3.

DRAINAGE AREA.--3,861 mi<sup>2</sup>.

PERIOD OF RECORD.--May 1939 to current year (high-water records only October 1943 to September 1957).

REVISED RECORDS.--WSP 2109: Drainage area. WDR IN-73-1: 1972.

GAGE.--Water-stage recorder. Datum of gage is 473.59 ft above National Geodetic Vertical Datum of 1929. Prior to Feb. 6, 1940, nonrecording gage, and Feb. 6, 1940 to Sept. 24, 1957, water-stage recorder, at site 9.8 mi downstream at datum 4.39 ft lower.

REMARKS.--Records good except those for Oct. 7 to May 18 and estimated daily discharges, which are poor.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in March 1913 reached a stage of 47.5 ft, from floodmark determined by U.S. Army Corps of Engineers, discharge, 155,000 ft<sup>3</sup>/s, at former site.

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	486	1,820	4,800	9,870	4,240	4,510	15,100	7,800	2,750	1,580	1,420	3,830
2	481	2,070	4,740	11,400	4,140	4,490	14,000	6,320	2,660	1,680	1,310	5,630
3	471	3,030	4,800	16,400	4,020	4,580	11,800	5,420	2,530	1,760	1,220	5,210
4	465	3,970	4,950	23,800	3,930	4,540	9,510	4,740	2,420	1,640	1,140	3,620
5	460	5,060	4,590	30,500	3,890	4,260	7,530	4,230	2,320	1,510	1,070	2,570
6	456	5,420	4,090	48,300	3,850	4,020	5,640	3,840	2,220	1,420	1,020	1,980
7	458	4,690	4,040	67,500	3,930	3,870	4,760	3,530	2,120	1,330	973	1,630
8	459	3,740	4,710	86,500	6,140	3,780	4,760	3,270	2,040	1,260	988	1,400
9	453	3,040	5,460	91,100	8,470	3,660	4,960	3,070	1,940	1,200	1,100	1,250
10	444	2,580	6,240	80,300	10,300	3,590	4,800	2,980	1,850	1,140	1,090	1,190
11	438	2,860	6,390	61,900	11,600	3,480	4,370	2,840	1,800	1,090	999	1,100
12	436	5,890	6,270	46,500	12,000	3,320	3,990	2,750	1,910	1,100	935	1,010
13	437	6,680	5,970	36,700	11,100	3,200	4,920	2,710	3,450	1,080	892	948
14	438	6,460	5,500	33,400	10,000	3,100	5,280	4,030	6,560	1,070	901	904
15	457	6,420	4,860	32,200	9,730	2,990	5,740	6,330	8,760	1,070	924	870
16	469	6,540	4,190	35,000	10,300	2,860	5,560	7,970	9,110	1,070	918	839
17	481	6,160	3,630	35,900	11,500	2,750	4,630	9,480	7,320	1,080	916	810
18	798	5,300	3,240	32,300	12,300	2,640	3,910	10,400	5,180	1,100	937	789
19	3,250	4,030	3,000	26,900	11,600	2,550	3,450	9,970	3,910	1,300	1,080	818
20	5,030	3,700	2,790	20,500	9,810	2,510	3,150	9,220	3,200	2,760	1,270	1,010
21	5,160	4,430	2,620	14,100	7,930	2,460	2,920	9,590	2,770	2,890	2,960	1,060
22	4,910	4,950	2,500	9,820	6,750	2,390	2,800	11,000	2,470	2,490	3,470	1,110
23	4,710	4,890	e2,320	7,550	6,220	2,370	3,250	11,000	2,240	2,130	2,410	1,420
24	4,120	4,300	e2,350	6,440	5,850	2,360	3,440	8,940	2,070	2,310	1,610	1,580
25	2,940	3,760	e2,290	5,770	5,460	2,590	5,820	6,390	1,920	4,100	1,240	1,620
26	2,120	3,800	e2,320	5,430	5,150	3,020	8,330	4,840	1,800	3,880	1,070	1,460
27	2,150	4,460	e2,370	5,290	4,890	3,030	9,500	4,080	1,690	2,920	1,050	1,420
28	2,510	5,040	e2,490	5,030	4,650	5,280	9,590	3,640	1,600	2,320	1,220	1,940
29	2,460	4,800	e3,510	4,720	---	9,260	9,700	3,320	1,540	1,970	1,030	3,320
30	2,290	4,700	e4,180	4,420	---	11,000	9,400	3,090	1,570	1,730	1,090	3,260
31	2,030	---	7,270	4,310	---	13,900	---	2,900	---	1,560	2,220	---
TOTAL	52,267	134,590	128,480	899,850	209,750	128,360	192,610	179,690	93,720	55,540	40,473	55,598
MEAN	1,686	4,486	4,145	29,030	7,491	4,141	6,420	5,796	3,124	1,792	1,306	1,853
MAX	5,160	6,680	7,270	91,100	12,300	13,900	15,100	11,000	9,110	4,100	3,470	5,630
MIN	436	1,820	2,290	4,310	3,850	2,360	2,800	2,710	1,540	1,070	892	789
CFSM	0.44	1.16	1.07	7.52	1.94	1.07	1.66	1.50	0.81	0.46	0.34	0.48
IN.	0.50	1.30	1.24	8.67	2.02	1.24	1.86	1.73	0.90	0.54	0.39	0.54

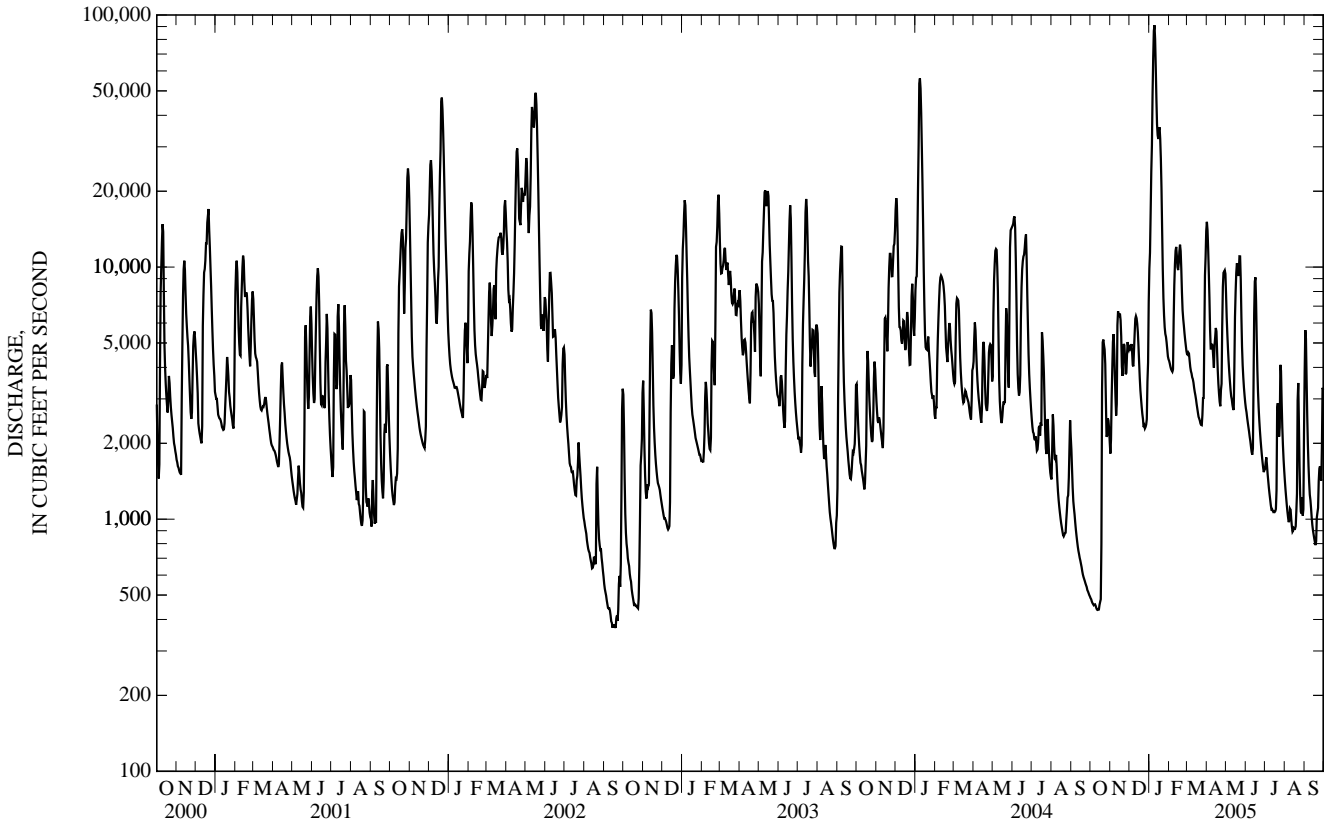
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2005, BY WATER YEAR (WY)

MEAN	1,255	2,538	4,625	5,610	6,435	7,856	7,370	6,760	4,037	2,555	1,795	1,169
MAX	8,436	15,520	18,290	29,030	15,610	18,710	15,180	30,650	16,310	9,649	11,280	5,234
(WY)	(2002)	(1994)	(2002)	(2005)	(1982)	(1964)	(1989)	(1996)	(1997)	(1958)	(1979)	(1989)
MIN	228	284	272	300	712	450	730	382	622	603	291	244
(WY)	(1941)	(2000)	(1964)	(1977)	(1941)	(1941)	(1941)	(1941)	(1988)	(1941)	(1941)	(1941)

03371500 EAST FORK WHITE RIVER NEAR BEDFORD, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1940 - 2005	
ANNUAL TOTAL	1,768,539		2,170,928		4,324	
ANNUAL MEAN	4,832		5,948		8,192	
HIGHEST ANNUAL MEAN					643	
LOWEST ANNUAL MEAN					1941	
HIGHEST DAILY MEAN	56,000	Jan 8	91,100	Jan 9	91,100	Jan 9, 2005
LOWEST DAILY MEAN	436	Oct 12	436	Oct 12	138	Sep 7, 1941
ANNUAL SEVEN-DAY MINIMUM	443	Oct 9	443	Oct 9	196	Sep 5, 1941
MAXIMUM PEAK FLOW			92,300		92,300	
MAXIMUM PEAK STAGE			37.84		37.84	
ANNUAL RUNOFF (CFSM)	1.25		1.54		1.12	
ANNUAL RUNOFF (INCHES)	17.04		20.92		15.22	
10 PERCENT EXCEEDS	9,170		10,100		10,500	
50 PERCENT EXCEEDS	3,340		3,450		2,260	
90 PERCENT EXCEEDS	769		1,010		492	

e Estimated





## 03372500 SALT CREEK NEAR HARRODSBURG, IN

LOCATION.--Lat 39°00'16", long 86°30'31", in NE $\frac{1}{4}$ NW $\frac{1}{4}$  sec.34, T.7 N., R.1 W., Monroe County, Hydrologic Unit 05120208, (CLEAR CREEK, IN quadrangle), on right bank 0.35 mi downstream from Monroe Lake, 0.9 mi upstream from Clear Creek, 2.2 mi southeast of Harrodsburg, and 25.7 mi upstream from mouth.

DRAINAGE AREA.--432 mi<sup>2</sup>.

PERIOD OF RECORD.--May 1955 to September 1976 (discharge). October 1976 to September 2001 (discharge provided by U.S. Army Corps of Engineers). October 2001 to current year (gage height only).

REVISED RECORDS.--WSP 1705: 1959. WSP 1725: 1956(M). WSP 2109: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 480.00 ft above National Geodetic Vertical Datum of 1929, (levels by U.S. Army Corps of Engineers). Oct. 1, 1960, to Sept. 30, 1974, water-stage recorder 0.1 mi upstream from site described in "LOCATION" paragraph. Prior to Oct. 1, 1960, nonrecording gage at site 0.7 mi upstream at datum 2.41 ft higher.

REMARKS.--Flow regulated by U.S. Army Corps of Engineers from Monroe Lake since April 1966.

COOPERATION.-- Records of daily discharge provided by U.S. Army Corps of Engineers October 1976 to September 2001.

EXTREMES FOR PERIOD OF RECORD.--(October 2001 to current year) maximum gage height, 24.08 ft, Dec. 17, 2001; minimum gage height, 5.21 ft, Aug. 21, 2002. (May 1955 to September 1976) maximum discharge, 22,000 ft<sup>3</sup>/s, June 25, 1960, maximum gage height, 35.35 ft, May 9, 1961. No flow Sept. 29 to Dec. 2, 1964.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 26.10 ft, Jan. 6; minimum gage height, 5.57 ft, Oct. 1, 2, 5-8.

## DISCHARGE MEASUREMENTS FOR WATER YEARS 2002 THROUGH 2005

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage Height (ft)	Date	Time	Discharge (ft <sup>3</sup> /s)	Gage Height (ft)
05-17-02	1031	2,820	23.35	10-06-03	1033	31.8	5.78
08-12-02	1149	23.7	5.50	08-25-05	0916	102	6.64
10-01-02	0951	25.6	5.71	08-25-05	1053	100	6.64
08-04-03	0950	74.3	6.36	09-13-05	0859	81.2	6.89

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	5.58	6.79	---	9.98	18.08	17.64	13.99	10.26	15.71	6.77	6.68	7.29
2	5.61	10.47	13.03	9.49	18.06	17.55	14.00	10.24	12.28	6.65	6.67	6.93
3	5.60	7.81	12.75	21.04	18.01	17.51	13.80	10.21	8.21	6.64	6.67	6.83
4	5.60	6.92	12.57	18.57	17.97	17.48	13.68	10.17	8.13	6.63	6.67	6.79
5	5.59	6.54	12.45	25.56	17.94	17.41	14.81	10.16	8.09	6.63	6.67	6.66
6	5.60	---	12.49	23.75	17.90	17.36	15.95	10.14	6.79	6.62	6.68	6.64
7	5.60	---	14.42	21.09	18.47	17.33	14.19	8.24	6.72	6.61	6.67	8.01
8	5.62	---	---	21.54	18.52	17.27	14.06	8.18	6.69	6.61	6.69	8.01
9	5.62	6.04	---	22.39	17.36	17.20	13.93	8.16	6.61	6.61	6.67	7.99
10	5.63	6.00	14.19	22.03	17.08	17.16	13.85	7.22	7.00	6.61	6.67	7.99
11	5.64	8.17	14.22	21.29	18.13	17.11	13.80	7.32	6.89	6.61	6.67	7.97
12	5.65	7.10	---	19.34	18.16	17.08	11.64	8.79	17.59	7.03	6.67	7.97
13	5.69	6.57	---	20.45	18.52	17.01	12.64	7.89	10.65	6.85	6.68	9.85
14	5.68	6.35	13.86	16.79	19.53	16.95	11.56	13.64	10.99	6.73	6.84	9.88
15	5.77	6.24	13.80	14.06	18.32	16.89	11.18	9.77	12.18	---	6.69	7.98
16	5.74	6.16	8.57	13.16	18.86	13.88	11.01	12.44	12.03	6.78	7.44	9.92
17	5.72	6.08	8.44	13.17	18.60	10.59	10.92	13.70	10.69	6.69	6.80	9.93
18	13.62	6.08	---	13.81	18.40	8.18	12.02	13.65	10.60	6.69	6.71	9.92
19	7.65	7.00	---	12.93	18.24	8.17	12.01	19.21	10.55	6.73	7.37	9.97
20	6.54	6.53	---	11.94	18.16	8.16	8.40	14.03	8.11	6.67	7.25	10.48
21	6.16	6.86	---	11.37	18.07	8.15	8.42	11.59	8.08	6.79	6.81	10.09
22	5.97	6.80	---	11.21	17.92	8.19	8.42	12.65	8.05	7.36	6.73	10.01
23	8.85	7.85	---	11.10	17.83	8.67	8.65	15.11	8.02	6.90	6.64	10.00
24	7.05	8.64	---	15.76	17.81	8.34	8.41	16.18	8.01	6.77	6.63	10.01
25	6.48	8.24	---	17.16	17.73	8.29	8.36	16.11	8.00	6.73	6.61	10.88
26	6.61	10.72	---	18.29	17.68	8.25	8.94	16.02	6.64	6.73	6.68	10.91
27	6.77	11.68	---	18.30	17.63	8.53	8.54	15.97	6.63	7.09	6.64	10.31
28	6.55	11.58	---	18.24	17.73	14.13	8.44	15.93	6.63	6.81	6.73	10.18
29	6.36	11.08	---	18.23	---	14.45	8.41	15.85	6.61	6.75	6.65	10.28
30	6.26	---	10.69	18.21	---	14.12	8.40	15.84	6.73	6.71	13.96	10.13
31	6.17	---	12.43	18.16	---	14.14	---	15.77	---	6.69	8.04	---
MEAN	6.35	---	---	17.05	18.10	13.65	11.41	12.27	9.00	---	7.03	8.99
MAX	13.62	---	---	25.56	19.53	17.64	15.95	19.21	17.59	---	13.96	10.91
MIN	5.58	---	---	9.49	17.08	8.15	8.36	7.22	6.61	---	6.61	6.64

03372500 SALT CREEK NEAR HARRODSBURG, IN—Continued

## WATER-QUALITY RECORDS

INSTRUMENTATION.--Temperature recorder.

PERIOD OF RECORD.--

WATER TEMPERATURE.--August 1966 to September 1967; October 1968 to September 1976 and September 1988 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 28.9°C, July 10-11, 1973 and July 30, 1975; minimum, 0.7°C, Feb. 3-5, 1996.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 24.9°C, Aug. 30, Sept. 13, 24-25; minimum, unknown.

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	23.0	22.2	22.5	16.8	16.4	16.6	---	---	---	3.9	3.9	3.9
2	22.6	21.8	22.1	17.1	16.8	16.8	11.0	10.6	10.7	4.3	3.9	4.1
3	22.2	21.4	21.7	16.8	16.4	16.5	10.6	10.3	10.5	4.6	4.3	4.4
4	22.2	21.0	21.5	16.4	15.6	16.1	10.3	10.3	10.3	5.0	4.3	4.6
5	21.8	20.6	21.1	16.0	15.3	15.7	10.3	9.9	10.0	5.0	4.6	4.9
6	21.4	20.6	20.9	---	---	---	10.3	9.9	10.0	5.0	4.6	4.7
7	21.4	20.2	20.6	---	---	---	10.3	9.9	10.2	4.6	4.6	4.6
8	21.0	20.2	20.6	---	---	---	---	---	---	4.6	4.6	4.6
9	21.0	20.2	20.7	15.3	14.6	14.9	---	---	---	5.0	4.6	4.7
10	20.6	19.8	20.3	15.3	14.6	14.8	10.3	9.9	10.1	4.6	4.6	4.6
11	20.6	19.8	20.1	14.6	14.2	14.5	9.9	9.6	9.8	5.0	4.6	4.8
12	20.2	19.8	19.9	14.2	13.5	14.0	---	---	---	5.3	5.0	5.1
13	19.8	19.4	19.6	13.8	13.1	13.5	---	---	---	5.7	5.3	5.5
14	19.8	19.0	19.3	13.5	12.7	13.2	8.9	8.5	8.6	5.3	5.3	5.3
15	19.0	18.6	18.7	13.5	12.7	13.1	8.5	7.8	8.2	5.3	5.0	5.2
16	18.6	17.9	18.3	13.5	13.1	13.2	7.8	7.8	7.8	5.0	4.6	4.9
17	18.3	17.5	17.8	13.5	12.7	13.1	7.8	7.4	7.5	4.6	4.3	4.5
18	17.5	12.4	16.2	13.5	12.7	13.0	---	---	---	4.3	3.9	4.3
19	17.1	12.0	14.2	13.1	12.7	12.7	---	---	---	4.3	4.3	4.3
20	17.1	17.1	17.1	13.1	12.7	12.9	---	---	---	4.3	4.3	4.3
21	17.5	16.8	17.1	13.1	12.7	12.8	---	---	---	4.3	3.9	4.0
22	17.5	16.8	17.1	12.7	12.7	12.7	---	---	---	3.9	3.6	3.8
23	17.1	16.8	17.0	12.7	12.4	12.7	---	---	---	3.6	3.2	3.5
24	17.5	16.8	17.0	12.7	12.4	12.7	---	---	---	3.6	3.6	3.6
25	17.1	16.4	16.7	12.4	12.0	12.3	---	---	---	3.9	3.6	3.6
26	16.8	16.4	16.5	12.4	12.0	12.1	---	---	---	3.6	3.2	3.6
27	17.1	16.4	16.8	12.0	11.7	11.9	---	---	---	3.2	3.2	3.2
28	17.1	16.8	16.9	11.7	11.7	11.7	---	---	---	3.2	2.9	3.1
29	17.5	16.4	17.0	11.7	11.3	11.4	---	---	---	2.9	2.9	2.9
30	17.1	16.4	16.7	---	---	---	3.9	3.6	3.6	2.9	2.9	2.9
31	17.1	16.4	16.6	---	---	---	3.9	3.6	3.9	3.2	2.9	3.0
MONTH	23.0	12.0	18.7	17.1	11.3	13.7	11.0	3.6	8.7	5.7	2.9	4.2



## 03373500 EAST FORK WHITE RIVER AT SHOALS, IN

LOCATION.--Lat 38°40'01", long 86°47'31", in SW<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub> sec.30, T.3 N., R.3 W., Martin County, Hydrologic Unit 05120208, (SHOALS, IN quadrangle), on upstream left bank, 30 ft upstream of Highway 50 bridge at Shoals, 1.0 mi upstream from Beaver Creek, 6.5 mi downstream from Indian Creek, and at mile 105.4.

DRAINAGE AREA.--4,927 mi<sup>2</sup>.

PERIOD OF RECORD.--June 1903 to July 1906, October 1908 to September 1916, June 1923 to current year. Monthly discharge only for some periods, published in WSP 1305. Published as East Branch White River at Shoals, 1903-06, 1908-16. Gage-height records collected at same site since May 1908 are contained in reports of the National Weather Service.

REVISED RECORDS.--WSP 353: 1912. WSP 1335: 1903-6. WSP 2109: Drainage area. WDR IN-91-1: Location.

GAGE.--Water-stage recorder. Datum of gage is 442.25 ft above National Geodetic Vertical Datum of 1929. Oct. 26, 1932 to Dec. 12, 1989 and Aug. 9, 1999 to present, at current site. Water-stage recorder, located 440 ft downstream of U.S. Highway bridge, Dec. 13, 1989 to Aug. 9, 1999. See WSP 1725 for history of changes prior to Oct. 26, 1932.

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

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	542	2,500	7,280	14,800	6,640	7,050	16,900	9,800	4,650	1,830	1,670	3,830
2	547	2,830	7,840	14,700	6,510	6,950	17,200	7,920	4,510	1,910	1,540	4,690
3	539	5,580	7,540	18,200	6,380	6,910	15,900	6,640	4,110	1,910	1,430	5,540
4	534	5,690	7,440	27,100	6,250	6,940	13,400	5,790	3,350	1,900	1,340	4,610
5	527	5,730	7,160	34,500	6,160	6,740	10,900	5,150	2,840	1,780	1,260	3,350
6	523	6,430	6,540	45,400	6,100	6,430	8,690	4,680	2,670	1,660	1,190	2,550
7	518	6,200	6,850	54,800	6,210	6,220	7,430	4,330	2,480	1,560	1,130	2,050
8	519	5,160	9,230	61,800	8,200	6,060	7,150	4,000	2,330	1,470	1,080	1,780
9	524	4,180	8,850	70,200	11,500	5,920	6,920	3,590	2,210	1,390	1,090	1,670
10	522	3,480	9,110	75,500	12,900	5,770	6,700	3,390	2,140	1,330	1,180	1,540
11	509	3,680	9,540	74,500	14,100	5,670	6,260	3,250	2,120	1,280	1,180	1,460
12	505	7,960	9,550	67,700	15,000	5,550	5,810	3,420	2,420	1,290	1,100	1,380
13	509	9,670	9,210	58,900	15,200	5,390	6,910	4,020	6,090	1,280	1,040	1,290
14	509	8,830	8,630	52,100	15,700	5,240	8,590	4,840	7,590	1,290	1,020	1,250
15	533	8,090	7,820	46,400	16,500	5,120	7,540	9,150	9,090	1,260	1,060	1,380
16	532	8,020	6,920	41,500	14,900	4,990	7,310	9,310	10,400	1,280	1,070	1,360
17	536	7,850	5,770	38,900	14,800	4,620	6,450	10,300	9,830	1,370	1,060	1,230
18	699	7,110	4,720	38,000	15,500	3,880	5,460	11,600	7,290	1,310	1,090	1,310
19	5,990	6,070	4,250	35,900	15,500	3,240	4,880	12,200	5,370	1,300	1,100	1,320
20	6,900	5,250	3,930	31,500	14,400	2,870	4,560	14,200	4,360	1,630	1,280	1,480
21	6,340	5,220	3,670	24,000	12,500	2,790	4,100	15,100	3,620	2,860	1,670	1,750
22	5,780	5,810	3,480	16,300	10,600	2,730	3,590	12,900	3,070	3,050	3,190	1,730
23	5,480	6,130	3,260	11,200	9,460	2,720	3,790	13,200	2,770	2,990	3,170	1,750
24	5,480	5,920	2,590	8,630	8,870	2,750	4,230	12,400	2,550	2,460	2,310	2,190
25	4,850	5,480	2,170	7,860	8,400	2,820	4,710	10,100	2,380	2,840	1,690	2,220
26	3,480	5,200	2,370	7,840	7,930	e3,200	7,470	7,680	2,230	4,070	1,370	2,490
27	3,210	5,520	2,790	7,840	7,540	e3,300	10,100	6,410	2,060	3,590	1,210	2,640
28	3,620	7,180	2,970	7,710	7,240	e5,400	11,000	5,760	1,880	2,870	1,210	2,360
29	3,480	7,970	3,130	7,370	---	12,700	10,800	5,350	1,780	2,390	1,310	2,900
30	3,140	7,120	4,070	7,020	---	13,400	10,800	5,060	1,720	2,060	1,300	3,800
31	2,800	---	9,580	6,760	---	14,800	---	4,840	---	1,830	2,510	---
TOTAL	70,177	181,860	188,260	1,014,930	300,990	178,170	245,550	236,380	119,910	61,040	44,850	68,900
MEAN	2,264	6,062	6,073	32,740	10,750	5,747	8,185	7,625	3,997	1,969	1,447	2,297
MAX	6,900	9,670	9,580	75,500	16,500	14,800	17,200	15,100	10,400	4,070	3,190	5,540
MIN	505	2,500	2,170	6,760	6,100	2,720	3,590	3,250	1,720	1,260	1,020	1,230
CFSM	0.46	1.23	1.23	6.64	2.18	1.17	1.66	1.55	0.81	0.40	0.29	0.47
IN.	0.53	1.37	1.42	7.66	2.27	1.35	1.85	1.78	0.91	0.46	0.34	0.52

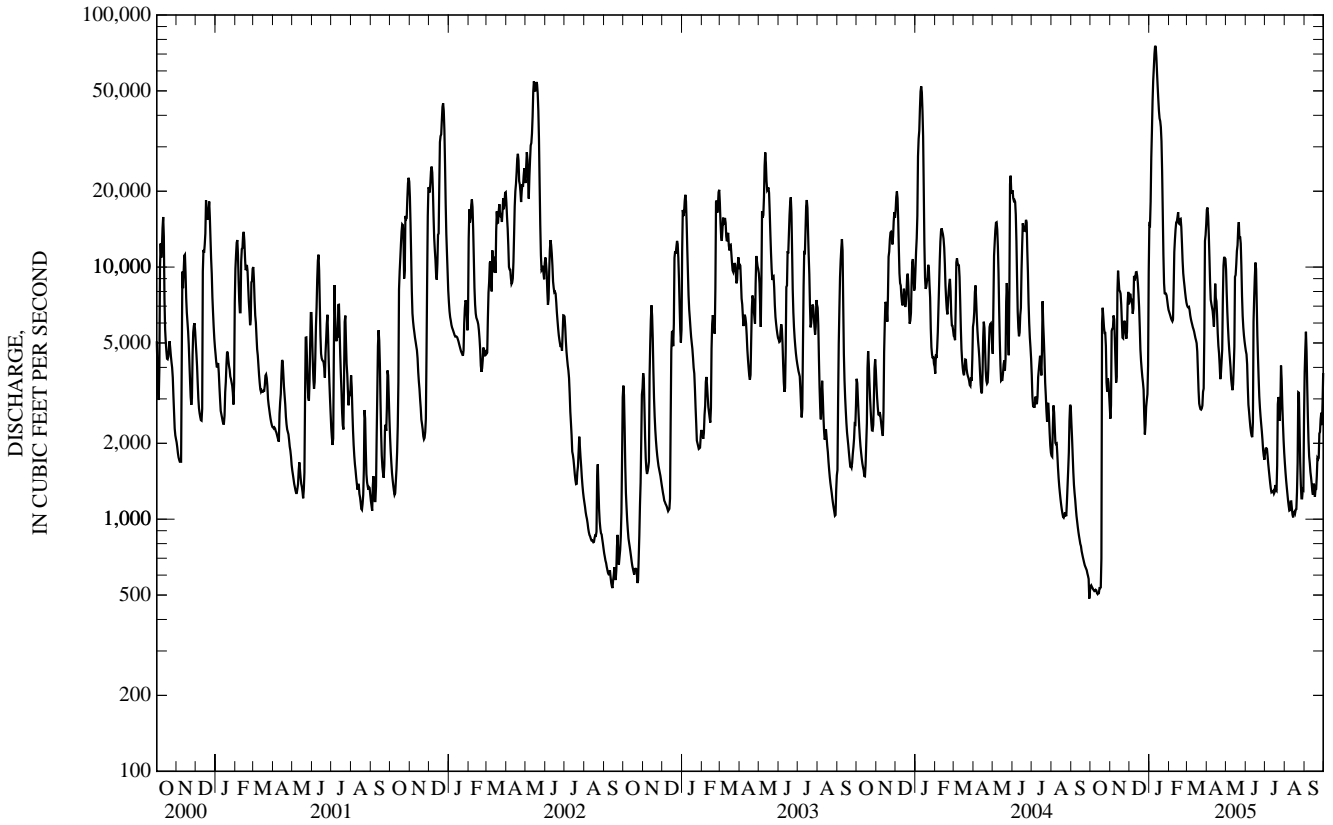
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1904 - 2005, BY WATER YEAR (WY)

MEAN	1,704	3,032	5,521	8,919	8,685	10,880	10,040	7,893	4,766	3,028	1,964	1,410
MAX	12,520	18,370	21,600	47,640	30,880	34,300	24,000	35,120	19,290	13,520	15,220	9,154
(WY)	(1911)	(1994)	(2002)	(1937)	(1950)	(1945)	(1913)	(1996)	(1997)	(1958)	(1979)	(1926)
MIN	262	293	305	432	589	562	1,029	529	696	365	265	233
(WY)	(1941)	(1955)	(1964)	(1931)	(1931)	(1941)	(1915)	(1941)	(1936)	(1954)	(1936)	(1954)

03373500 EAST FORK WHITE RIVER AT SHOALS, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1904 - 2005	
ANNUAL TOTAL	2,385,659		2,711,017		5,635	
ANNUAL MEAN	6,518		7,427		855	
HIGHEST ANNUAL MEAN					10,370	1950
LOWEST ANNUAL MEAN					855	1941
HIGHEST DAILY MEAN	52,100	Jan 10	75,500	Jan 10	155,000	Mar 28, 1913
LOWEST DAILY MEAN	484	Sep 29	505	Oct 12	64	Oct 6, 1935
ANNUAL SEVEN-DAY MINIMUM	514	Oct 8	514	Oct 8	168	Oct 3, 1935
MAXIMUM PEAK FLOW			77,800	Jan 10	160,000	Mar 28, 1913
MAXIMUM PEAK STAGE			33.22	Jan 11	42.20	Mar 28, 1913
ANNUAL RUNOFF (CFSM)	1.32		1.51		1.14	
ANNUAL RUNOFF (INCHES)	18.01		20.47		15.54	
10 PERCENT EXCEEDS	13,200		14,300		14,600	
50 PERCENT EXCEEDS	4,800		4,840		2,740	
90 PERCENT EXCEEDS	879		1,260		535	

e Estimated



## WABASH RIVER BASIN

03373980 WHITE RIVER ABOVE PETERSBURG, IN

LOCATION.--Lat 38°31'42", long 87°15'14", in NE $\frac{1}{4}$ SW $\frac{1}{4}$  sec.12, T.1 N., R.8 W., Pike County, Hydrologic Unit 05120202, (MONROE CITY, IN quadrangle), on left bank 300 ft upstream from intake structure of Indianapolis Power and Light Company's generating plant, 1.5 mi downstream from East Fork White River, 2.2 mi upstream from State Highway 61, 2.9 mi northeast of Petersburg, and at mile 48.0.

DRAINAGE AREA.--11,123 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1976 to current year. Discharges below 1500 ft<sup>3</sup>/s only, published 1980 to 1993, and 1995 to current year.

GAGE.--Water-stage recorder. Datum of gage is 401.52 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Discharges below 1,500 ft<sup>3</sup>/s only, published. Records good except for estimated daily discharges, which are poor. For a complete record of White River in this vicinity use records of White River at Petersburg, IN (03374000), 2.3 mi downstream.

## DISCHARGE, CUBIC FEET PER SECOND

WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

## DAILY MEAN VALUES

(No daily discharges below 1,500 ft<sup>3</sup>/s)