

03349510 CICERO CREEK AT ARCADIA, IN

LOCATION.--Lat 40°10'28", long 86°00'02", in NW¹/₄NE¹/₄ sec.19, T.20 N., R.5 E., Hamilton County, Hydrologic Unit 05120201, (ARCADIA, IN quadrangle), affixed to the southeast abutment of the Mr. Pleasant Road bridge over Cicero Creek, 600 ft south of 266th Street, 3500 ft east of State Road 19, 0.9 mi north of 256th Street, and 1.2 mile west of Fall Road.

DRAINAGE AREA.--131 mi².

PERIOD OF RECORD.--July 12, 2004 to current year.

GAGE.--Water-stage recorder. Datum of gage is 813.00 ft above National Geodetic Vertical Datum of 1929 by U.S. Geological Survey.

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	2.8	31	461	306	e50	109	77	150	38	48	10	4.3
2	2.9	55	366	355	e48	84	81	126	40	34	9.0	3.5
3	2.6	106	234	1,340	e46	77	71	108	44	27	17	3.2
4	2.8	74	169	2,100	e46	78	63	92	40	24	11	2.8
5	2.6	37	129	2,150	54	83	62	81	36	21	9.1	2.5
6	2.5	42	113	2,540	140	76	57	78	96	19	8.1	2.4
7	2.5	36	370	2,410	542	87	67	76	78	17	6.8	2.5
8	2.6	e30	683	1,120	1,100	79	72	71	52	16	6.0	2.6
9	2.7	e26	374	754	817	62	62	67	43	14	5.6	2.7
10	2.9	e23	269	653	573	60	58	68	38	13	5.2	2.6
11	2.8	25	237	1,250	401	65	55	72	33	12	19	2.5
12	2.9	37	213	2,830	318	62	55	142	36	13	71	2.1
13	30	31	177	3,780	445	52	62	105	348	14	20	2.0
14	33	25	127	2,760	1,100	44	52	158	355	14	11	2.3
15	22	23	99	1,810	874	42	46	154	197	14	11	3.0
16	17	23	90	825	810	40	43	108	125	17	14	3.7
17	7.3	22	79	545	615	43	42	85	86	38	9.6	4.6
18	17	22	73	392	362	43	44	73	67	27	7.4	3.6
19	55	24	67	317	258	44	43	122	54	26	6.4	3.2
20	35	24	61	244	214	43	45	198	45	15	5.6	5.4
21	23	21	e51	195	226	37	88	142	41	28	4.7	4.2
22	19	19	e45	e153	206	36	374	111	37	400	4.1	3.7
23	25	19	e42	e125	172	43	1,010	105	32	130	4.0	3.6
24	31	68	e38	e105	155	41	670	86	30	48	3.5	5.2
25	27	475	e36	e92	135	76	396	68	30	23	3.5	6.0
26	27	288	e35	e82	118	213	312	61	33	18	3.3	121
27	38	193	e34	e71	104	170	408	57	28	237	3.5	63
28	49	333	e34	e69	114	143	296	52	49	93	3.2	28
29	52	227	e41	e62	---	111	222	48	61	35	2.9	47
30	79	197	91	e60	---	93	186	44	49	19	3.8	44
31	52	---	377	e56	---	95	---	40	---	13	5.0	---
TOTAL	670.9	2,556	5,215	29,551	10,043	2,331	5,119	2,948	2,241	1,467	304.3	387.2
MEAN	21.6	85.2	168	953	359	75.2	171	95.1	74.7	47.3	9.82	12.9
MAX	79	475	683	3,780	1,100	213	1,010	198	355	400	71	121
MIN	2.5	19	34	56	46	36	42	40	28	12	2.9	2.0
CFSM	0.17	0.65	1.28	7.28	2.74	0.57	1.30	0.73	0.57	0.36	0.07	0.10
IN.	0.19	0.73	1.48	8.39	2.85	0.66	1.45	0.84	0.64	0.42	0.09	0.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2005, BY WATER YEAR (WY)

MEAN	21.6	85.2	168	953	359	75.2	171	95.1	74.7	47.3	9.57	10.4
MAX	21.6	85.2	168	953	359	75.2	171	95.1	74.7	47.3	9.82	12.9
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)
MIN	21.6	85.2	168	953	359	75.2	171	95.1	74.7	47.3	9.33	7.86
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)	(2004)

SUMMARY STATISTICS

FOR 2005 WATER YEAR

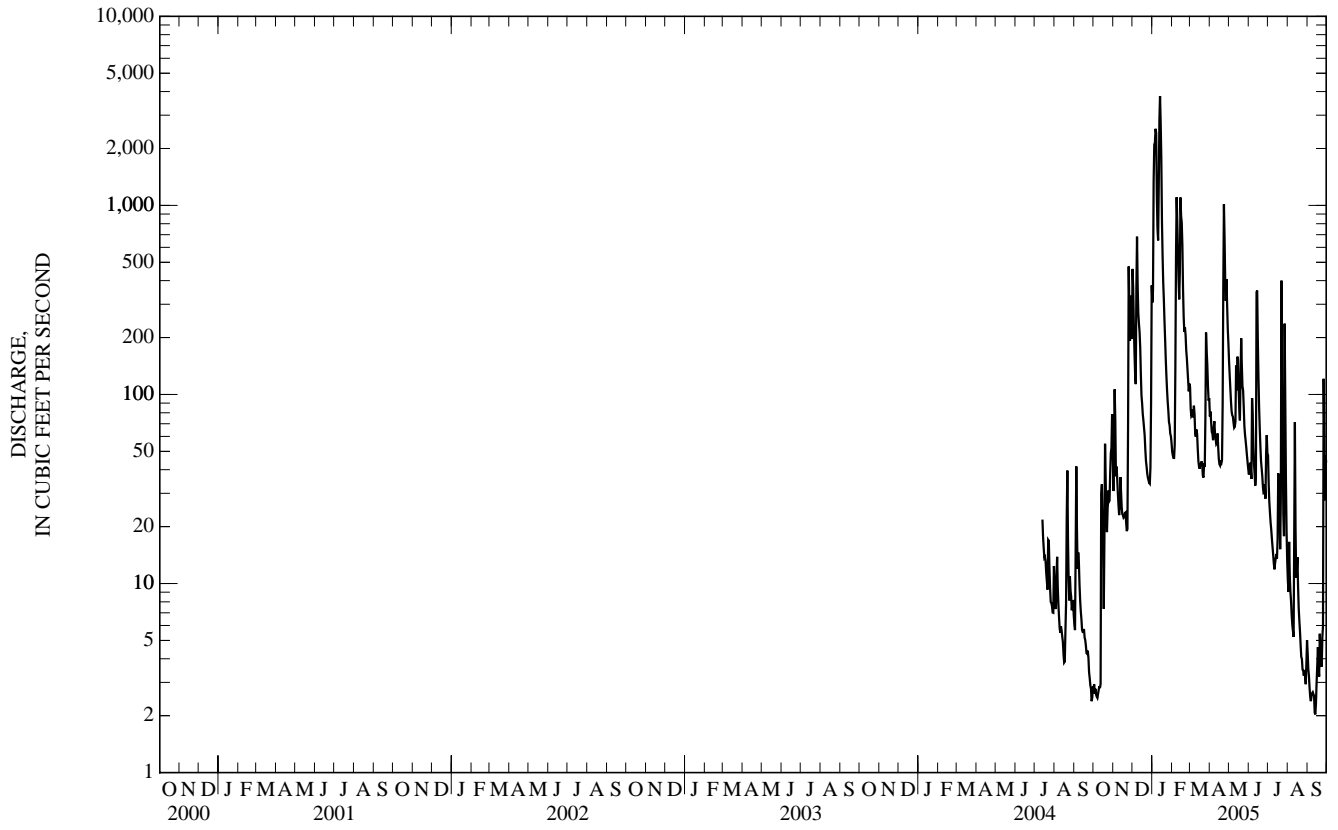
WATER YEARS 2004 - 2005

ANNUAL TOTAL	62,833.4	
ANNUAL MEAN	172	172
HIGHEST ANNUAL MEAN		172
LOWEST ANNUAL MEAN		172
HIGHEST DAILY MEAN	3,780	3,780
LOWEST DAILY MEAN	2.0	2.0
ANNUAL SEVEN-DAY MINIMUM	2.4	2.4
MAXIMUM PEAK FLOW	4,060	4,060
MAXIMUM PEAK STAGE	12.15	12.15
ANNUAL RUNOFF (CFSM)	1.31	1.31
ANNUAL RUNOFF (INCHES)	17.84	17.85
10 PERCENT EXCEEDS	374	374
50 PERCENT EXCEEDS	50	50
90 PERCENT EXCEEDS	3.7	3.7

e Estimated

WABASH RIVER BASIN

03349510 CICERO CREEK AT ARCADIA, IN—Continued



03350700 STONY CREEK NEAR NOBLESVILLE, IN

LOCATION.--Lat 40°01'44", long 85°59'44", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.7, T.18 N., R.5 E., Hamilton County, Hydrologic Unit 05120201, (RIVERWOOD, IN quadrangle), on right bank, between dual bridges on State Road 37, 1.2 mi south of intersection of State Road 38 and State Road 37, 1.4 mi upstream from mouth, and 1.4 mi southeast of Noblesville.

DRAINAGE AREA.--50.8 mi².

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

REVISED RECORDS.--WDR IN-82-1: 1981.

GAGE.--Water-stage recorder. Datum of gage is 749.00 ft above National Geodetic Vertical Datum of 1929 (Indiana Department of Highways bench mark). Prior to Oct. 1, 1988, water-stage recorder at county road bridge 200 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	6.4	12	130	112	e33	53	29	62	23	20	33	18
2	6.3	79	99	140	e32	46	31	54	23	17	28	14
3	6.2	100	70	505	e31	42	29	48	23	15	25	14
4	6.3	58	56	875	e31	42	26	42	22	14	22	13
5	8.8	42	46	970	e34	42	27	38	21	14	24	13
6	6.2	34	42	e1,400	57	39	27	36	22	13	23	13
7	6.4	27	67	655	175	41	30	35	19	12	21	12
8	6.2	21	97	308	318	38	29	33	18	12	19	11
9	6.4	18	69	227	232	34	27	31	17	11	18	12
10	6.0	18	59	233	179	34	26	30	18	11	17	11
11	6.4	20	62	425	125	35	25	30	24	9.9	19	11
12	9.6	28	63	1,210	105	34	26	51	35	11	27	9.9
13	31	26	51	1,030	108	30	28	42	171	12	24	9.4
14	22	21	e40	1,020	308	29	25	96	78	13	20	9.2
15	16	19	e34	383	259	27	24	82	49	13	19	15
16	13	18	e31	216	293	27	23	54	37	17	19	51
17	12	17	e28	157	230	27	23	44	30	210	17	22
18	18	17	e25	120	135	27	22	38	27	230	16	16
19	23	18	e24	106	103	27	22	66	24	211	16	19
20	17	18	e22	91	91	26	23	132	22	84	15	34
21	14	17	e21	79	94	24	26	78	21	68	14	23
22	13	16	e20	73	82	25	124	59	19	509	13	18
23	15	17	e19	e60	71	27	528	58	18	248	13	16
24	28	60	e18	e54	66	25	283	46	17	105	14	14
25	22	186	e17	e50	59	33	156	38	17	68	13	43
26	17	104	e16	e47	54	50	142	35	16	50	13	349
27	16	80	e16	e44	50	43	179	32	15	222	14	149
28	14	104	e17	e41	53	40	113	31	21	138	14	80
29	13	72	e20	e39	---	35	88	28	29	74	12	75
30	14	69	e34	e37	---	32	76	26	25	53	21	61
31	12	---	142	e35	---	33	---	24	---	41	32	---
TOTAL	411.2	1,336	1,455	10,742	3,408	1,067	2,237	1,499	901	2,525.9	595	1,155.5
MEAN	13.3	44.5	46.9	347	122	34.4	74.6	48.4	30.0	81.5	19.2	38.5
MAX	31	186	142	1,400	318	53	528	132	171	509	33	349
MIN	6.0	12	16	35	31	24	22	24	15	9.9	12	9.2
CFSM	0.26	0.88	0.92	6.82	2.40	0.68	1.47	0.95	0.59	1.60	0.38	0.76
IN.	0.30	0.98	1.07	7.87	2.50	0.78	1.64	1.10	0.66	1.85	0.44	0.85

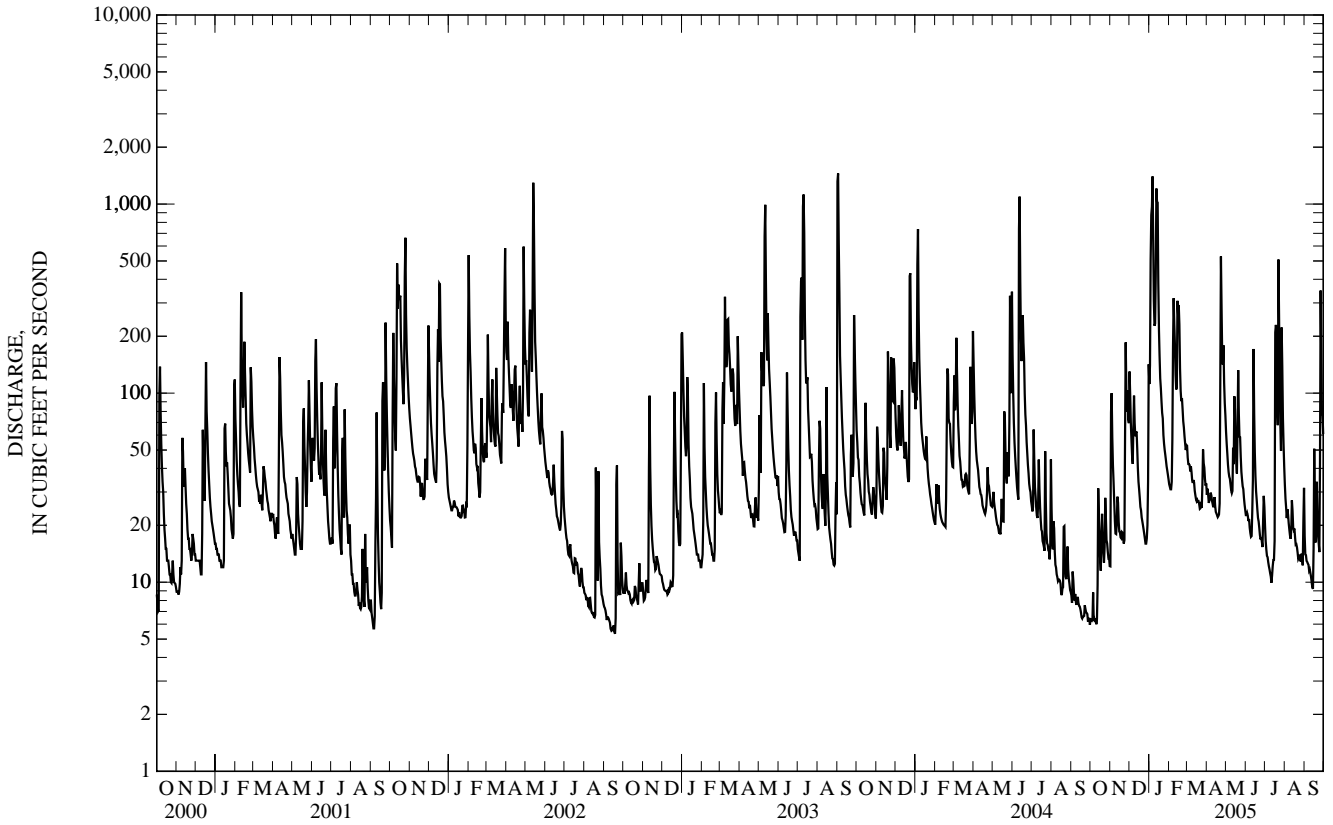
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 2005, BY WATER YEAR (WY)

MEAN	20.5	45.3	56.6	64.7	76.1	83.3	77.6	66.2	51.5	35.4	20.5	21.9
MAX	181	287	235	347	190	203	160	229	241	176	80.5	210
(WY)	(2002)	(1993)	(1991)	(2005)	(1990)	(1978)	(1972)	(1996)	(1998)	(2003)	(1979)	(1989)
MIN	2.41	3.96	4.99	3.87	6.26	14.1	16.9	16.1	6.50	3.25	3.84	3.38
(WY)	(1996)	(2000)	(1998)	(1977)	(1998)	(2000)	(1971)	(1988)	(1988)	(1977)	(1988)	(1995)

03350700 STONY CREEK NEAR NOBLESVILLE, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1968 - 2005	
ANNUAL TOTAL	18,416.2		27,332.6			
ANNUAL MEAN	50.3		74.9		51.5	
HIGHEST ANNUAL MEAN					83.0	1993
LOWEST ANNUAL MEAN					15.4	2000
HIGHEST DAILY MEAN	1,090	Jun 12	e 1,400	Jan 6	1,760	Dec 30, 1990
LOWEST DAILY MEAN	5.9	Sep 30	6.0	Oct 10	0.88	Oct 9, 1995
ANNUAL SEVEN-DAY MINIMUM	6.3	Sep 27	6.6	Oct 4	0.96	Oct 8, 1995
MAXIMUM PEAK FLOW			1,800	Jan 5	2,260	Sep 1, 2003
MAXIMUM PEAK STAGE			7.49	Jan 5	9.21	Dec 30, 1990
ANNUAL RUNOFF (CFSM)	0.991		1.47		1.01	
ANNUAL RUNOFF (INCHES)	13.49		20.02		13.77	
10 PERCENT EXCEEDS	99		152		115	
50 PERCENT EXCEEDS	26		29		24	
90 PERCENT EXCEEDS	8.5		13		5.9	

e Estimated



03351000 WHITE RIVER NEAR NORA, IN

LOCATION.--Lat 39°54'38", long 86°06'20", in NW¹/₄NW¹/₄ sec.20, T.17 N., R.4 E., Marion County, Hydrologic Unit 05120201, (FISHERS, IN quadrangle), on right upstream corner of bridge on 82nd Street, 2 mi east of Nora, 3.75 mi upstream of the Indianapolis Water Company dam at Broad Ripple, 14 mi upstream from Fall Creek, and at mile 247.9.

DRAINAGE AREA.--1,219 mi².

PERIOD OF RECORD.--October 1929 to current year. Prior to April 1930, monthly discharge only, published in WSP 1305. Prior to October 1948, published as West Fork White River near Nora.

REVISED RECORDS.--WSP 1335: 1930-31, 1934(m), 1936, 1941, 1943, 1945, 1947-48. WSP 2109: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 710.94 ft above National Geodetic Vertical Datum of 1929 (levels by U.S. Army Corps of Engineers). Oct. 26, 192 to July 29, 1942, at site 200 ft downstream at same datum. Supplemental water-stage recorder 4.5 mi downstream.

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

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Mar. 26, 1913, reached a stage of 22.4 ft, from floodmark, determined by Indiana Department of Highways, discharge, 58,500 ft³/s.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	281	275	1,450	e4,500	e1,000	1,550	1,130	2,060	581	1,170	514	1,190
2	292	686	1,980	3,570	e971	1,470	1,080	1,760	559	1,430	432	1,360
3	286	870	2,140	5,460	e955	1,350	1,050	1,540	576	1,370	443	760
4	281	1,030	1,620	11,300	e943	1,270	1,220	1,350	572	864	454	511
5	285	828	1,290	15,700	942	1,270	1,130	1,210	556	651	421	386
6	285	654	1,090	21,500	1,030	1,260	992	1,100	593	511	438	326
7	281	551	1,250	22,500	1,610	1,350	971	1,040	569	444	401	295
8	275	470	2,410	19,700	e6,170	1,410	1,030	1,000	514	390	391	328
9	256	416	3,160	11,100	e7,870	1,270	955	936	475	357	354	357
10	249	376	2,240	5,560	6,350	1,150	896	881	435	341	308	331
11	230	380	1,910	5,830	4,660	1,100	844	851	554	382	309	308
12	235	442	2,170	12,900	3,500	1,100	802	1,180	797	387	675	301
13	408	423	2,010	21,700	3,050	1,050	838	1,050	2,070	356	949	303
14	463	414	1,510	e23,000	4,490	977	826	1,320	3,180	364	821	301
15	384	420	1,180	22,000	6,910	921	741	1,400	2,450	393	631	391
16	314	386	996	e11,200	6,820	883	689	1,450	1,640	499	508	760
17	272	372	912	e5,550	5,970	843	658	1,230	1,160	833	483	1,350
18	332	368	837	e4,120	4,790	839	637	1,030	905	1,010	432	1,520
19	365	395	802	3,240	3,340	840	615	1,070	747	1,140	375	852
20	359	397	602	2,810	2,660	857	597	2,140	643	845	357	964
21	304	407	e576	2,450	2,450	833	729	2,440	566	613	344	598
22	287	452	e597	e2,100	2,360	790	2,070	1,810	516	2,950	321	518
23	324	444	e588	e1,750	2,200	838	5,880	1,500	474	2,290	314	446
24	373	621	e566	e1,530	1,990	816	8,370	1,270	425	1,220	336	429
25	375	1,420	e538	e1,440	1,840	910	8,110	1,070	410	792	321	937
26	341	2,370	e521	e1,420	1,700	1,240	5,180	933	408	596	336	3,450
27	345	1,790	e507	e1,330	1,560	1,750	4,350	843	388	1,890	371	3,890
28	309	1,520	e498	e1,170	1,500	1,650	4,220	770	532	2,160	364	3,340
29	306	1,440	e494	e1,120	---	1,410	3,120	719	980	1,230	340	1,930
30	298	1,360	e575	e1,110	---	1,260	2,470	672	1,300	820	481	1,510
31	285	---	e1,320	e1,060	---	1,220	---	628	---	625	660	---
TOTAL	9,680	21,977	38,339	249,720	89,631	35,477	62,200	38,253	25,575	28,923	13,884	29,942
MEAN	312	733	1,237	8,055	3,201	1,144	2,073	1,234	852	933	448	998
MAX	463	2,370	3,160	23,000	7,870	1,750	8,370	2,440	3,180	2,950	949	3,890
MIN	230	275	494	1,060	942	790	597	628	388	341	308	295
CFSM	0.26	0.60	1.01	6.61	2.63	0.94	1.70	1.01	0.70	0.77	0.37	0.82
IN.	0.30	0.67	1.17	7.62	2.74	1.08	1.90	1.17	0.78	0.88	0.42	0.91

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2005, BY WATER YEAR (WY)

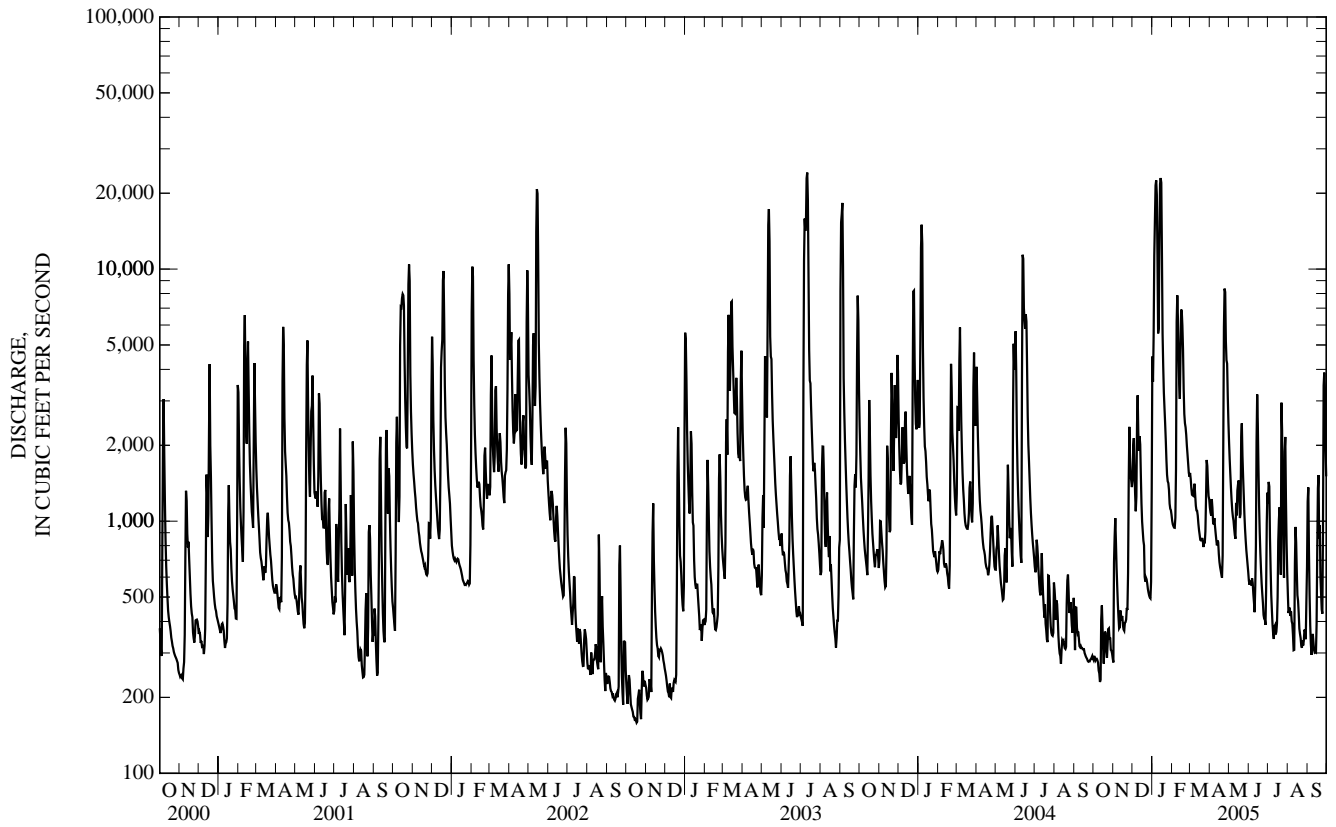
MEAN	413	743	1,113	1,664	1,675	2,068	2,024	1,472	1,186	785	458	432
MAX	3,819	5,115	4,366	9,015	4,805	5,113	5,878	6,815	6,093	5,478	2,612	4,397
(WY)	(2002)	(1993)	(1991)	(1950)	(1950)	(1978)	(1964)	(1943)	(1958)	(2003)	(1979)	(1989)
MIN	108	110	119	119	182	194	280	141	200	102	82.5	72.3
(WY)	(1941)	(1935)	(1935)	(1945)	(1964)	(1941)	(1941)	(1941)	(1931)	(1936)	(1941)	(1941)

WABASH RIVER BASIN

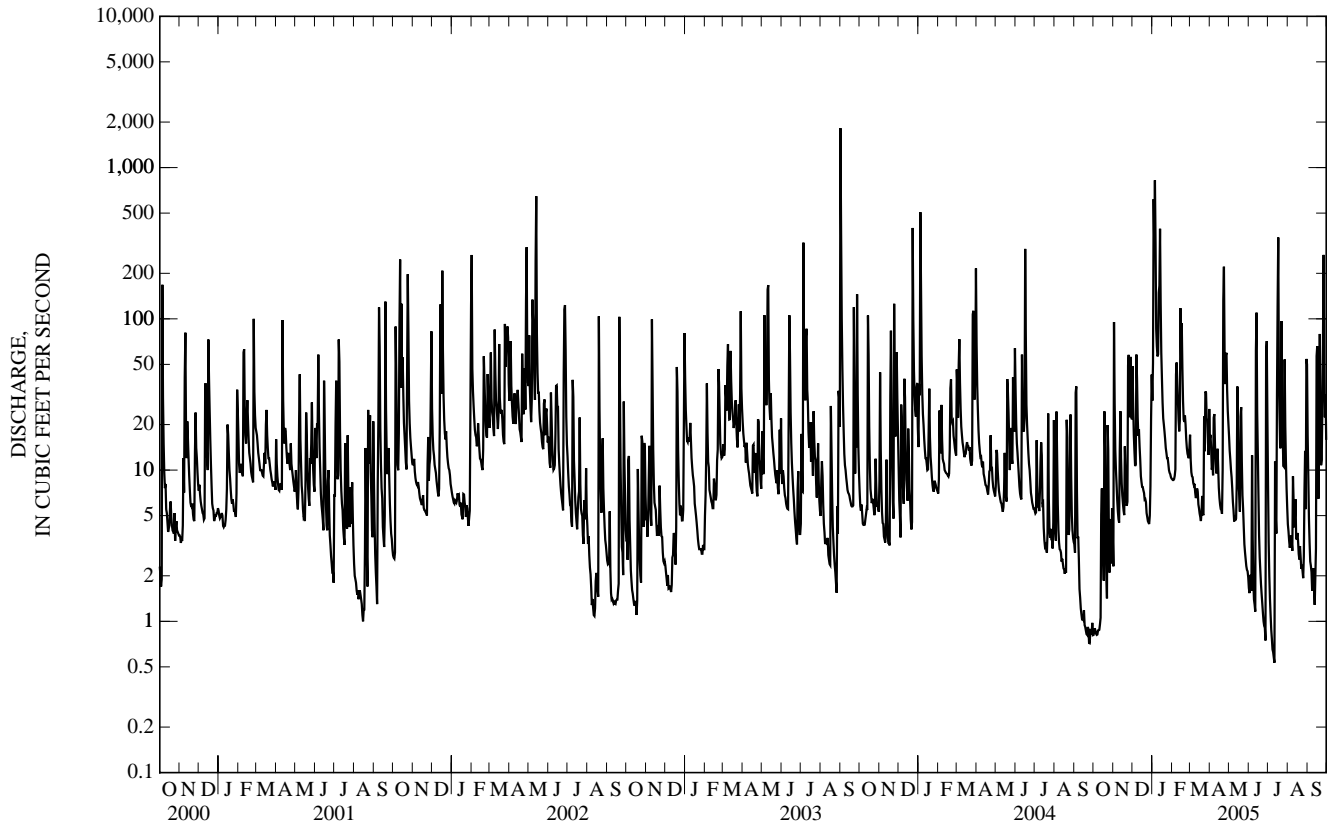
03351000 WHITE RIVER NEAR NORA, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1930 - 2005	
ANNUAL TOTAL	456,644		643,601		1,166	
ANNUAL MEAN	1,248		1,763		2,052	
HIGHEST ANNUAL MEAN					235	1950
LOWEST ANNUAL MEAN					235	1941
HIGHEST DAILY MEAN	15,000	Jan 6	e 23,000	Jan 14	31,500	May 19, 1943
LOWEST DAILY MEAN	230	Oct 11	230	Oct 11	49	Sep 17, 1941
ANNUAL SEVEN-DAY MINIMUM	259	Oct 6	259	Oct 6	53	Sep 17, 1941
MAXIMUM PEAK FLOW			27,000		32,400	May 19, 1943
MAXIMUM PEAK STAGE			18.56		19.19	Jan 1, 1991
ANNUAL RUNOFF (CFSM)	1.02		1.45		0.957	
ANNUAL RUNOFF (INCHES)	13.94		19.64		13.00	
10 PERCENT EXCEEDS	2,640		3,380		2,620	
50 PERCENT EXCEEDS	680		870		540	
90 PERCENT EXCEEDS	307		334		164	

e Estimated



03351310 CROOKED CREEK AT INDIANAPOLIS, IN—Continued



03351500 FALL CREEK NEAR FORTVILLE, IN

LOCATION.--Lat 39°57'17", long 85°52'03", in NW¹/₄NE¹/₄ sec.5, T.17 N., R.6 E., Hamilton County, Hydrologic Unit 05120201, (INGALLS, IN quadrangle), on right bank 100 ft downstream from bridge on State Highway 238, 0.2 mi downstream from Lick Creek, 2 mi northwest of Fortville, and at mile 26.1.

DRAINAGE AREA.--169 mi².

PERIOD OF RECORD.--July 1941 to current year.

REVISED RECORDS.--WSP 1435: 1949(P). WSP 2109: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 787.43 ft above National Geodetic Vertical Datum of 1929 (levels by Indianapolis Water Co.). Prior to June 27, 1942, nonrecording gage at same site and datum.

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

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage, about 12 ft March 1913 (information by local resident).

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	31	55	310	476	200	262	167	271	119	137	64	166
2	30	194	324	403	191	234	172	241	117	126	60	92
3	30	292	243	1,260	186	220	172	216	121	97	56	67
4	32	e189	197	3,390	181	218	162	195	117	86	53	58
5	30	e150	173	3,470	184	221	153	181	111	77	60	53
6	30	108	159	5,900	249	211	147	173	106	70	66	49
7	30	96	198	3,110	537	213	155	167	99	67	60	45
8	30	85	421	1,180	1,040	207	163	162	95	64	56	43
9	30	75	303	844	766	187	146	156	91	60	53	41
10	30	70	256	872	616	181	141	151	87	58	48	41
11	31	73	253	1,020	455	184	137	148	127	56	51	41
12	31	102	268	2,780	388	183	134	259	122	59	69	40
13	82	99	231	2,950	370	173	136	223	580	65	57	36
14	102	87	187	3,040	941	164	128	286	429	68	53	36
15	68	78	167	1,620	1,400	158	121	417	273	e66	53	45
16	59	73	159	828	970	153	117	276	205	168	54	147
17	53	70	148	629	863	153	117	220	166	268	52	191
18	64	68	137	516	547	151	117	189	143	188	50	108
19	98	71	e95	462	436	150	114	259	129	158	46	77
20	74	85	e90	418	393	154	112	574	116	111	45	140
21	62	89	e85	376	393	146	140	364	107	97	50	150
22	56	81	e80	e330	359	141	337	278	101	322	44	99
23	60	78	e75	e300	324	152	1,170	249	93	232	38	78
24	118	111	e80	e290	302	146	1,230	205	88	144	37	70
25	95	448	e80	283	279	167	621	181	85	110	36	76
26	73	314	e85	278	264	235	484	166	83	90	36	437
27	67	229	e85	e240	246	221	601	155	78	133	40	372
28	65	244	e85	e225	254	210	440	147	84	112	45	206
29	60	222	e90	e225	---	204	359	140	140	86	41	161
30	58	194	125	225	---	187	315	133	156	75	54	143
31	56	---	514	213	---	181	---	127	---	70	253	---
TOTAL	1,735	4,130	5,703	38,153	13,334	5,767	8,508	6,909	4,368	3,520	1,780	3,308
MEAN	56.0	138	184	1,231	476	186	284	223	146	114	57.4	110
MAX	118	448	514	5,900	1,400	262	1,230	574	580	322	253	437
MIN	30	55	75	213	181	141	112	127	78	56	36	36
CFSM	0.33	0.81	1.09	7.28	2.82	1.10	1.68	1.32	0.86	0.67	0.34	0.65
IN.	0.38	0.91	1.26	8.40	2.94	1.27	1.87	1.52	0.96	0.77	0.39	0.73

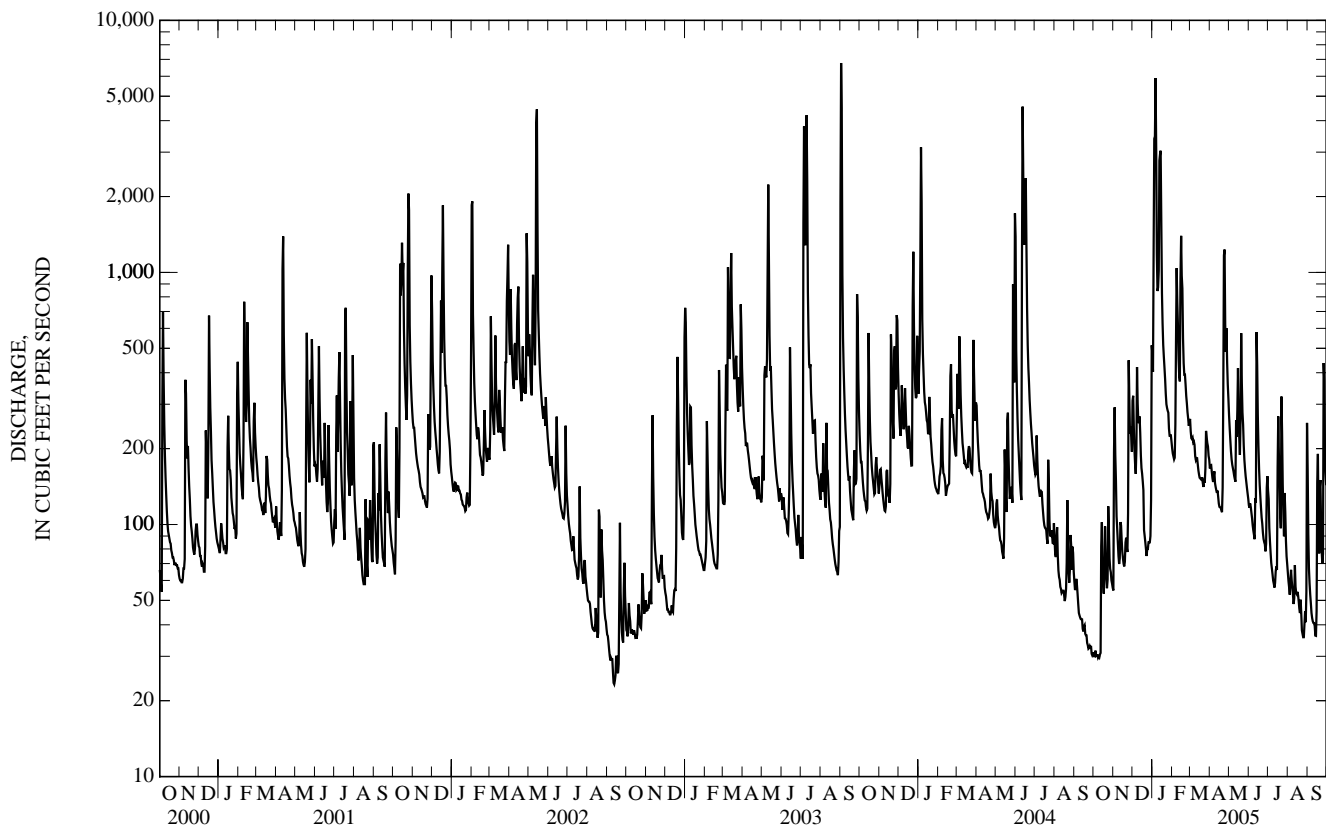
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 2005, BY WATER YEAR (WY)

MEAN	73.2	122	172	229	252	296	289	233	195	127	75.9	68.0
MAX	539	788	727	1,231	720	674	829	753	888	775	467	686
(WY)	(2002)	(1994)	(1991)	(2005)	(1950)	(1978)	(1964)	(1996)	(1958)	(2003)	(1979)	(2003)
MIN	20.1	27.4	24.2	24.4	42.1	71.2	70.3	71.4	39.2	24.7	16.0	14.5
(WY)	(1964)	(2000)	(1964)	(1977)	(1964)	(1981)	(1971)	(1955)	(1988)	(1966)	(1988)	(1999)

03351500 FALL CREEK NEAR FORTVILLE, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1942 - 2005	
ANNUAL TOTAL	80,907		97,215			
ANNUAL MEAN	221		266		177	
HIGHEST ANNUAL MEAN					301 2002	
LOWEST ANNUAL MEAN					61.4 1966	
HIGHEST DAILY MEAN	4,550	Jun 12	5,900	Jan 6	6,950	Apr 21, 1964
LOWEST DAILY MEAN	30	Sep 29	30	Oct 2	7.0	Oct 1, 1941
ANNUAL SEVEN-DAY MINIMUM	30	Oct 5	30	Oct 5	9.7	Aug 21, 1988
MAXIMUM PEAK FLOW			6,400	Jan 6	8,750	Apr 21, 1964
MAXIMUM PEAK STAGE			9.26	Jan 6	9.88	Apr 21, 1964
INSTANTANEOUS LOW FLOW			28	Oct 5		
ANNUAL RUNOFF (CFSM)	1.31		1.58		1.05	
ANNUAL RUNOFF (INCHES)	17.81		21.40		14.25	
10 PERCENT EXCEEDS	348		451		357	
50 PERCENT EXCEEDS	134		146		94	
90 PERCENT EXCEEDS	49		52		31	

e Estimated



03352500 FALL CREEK AT MILLERSVILLE, IN

LOCATION.--Lat 39°51'07", long 86°05'15", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.9, T.16 N., R.4 E., Marion County, Hydrologic Unit 05120201, (INDIANAPOLIS EAST, IN quadrangle), on right bank at downstream side of Emerson Way bridge at Millersville, 2.4 mi upstream of Keystone Avenue, 2.9 mi downstream of Interstate 465, and 9.2 mi upstream from mouth.

DRAINAGE AREA.--298 mi².

PERIOD OF RECORD.--October 1929 to current year. Monthly discharge only for October 1929, published in WSP I305. Twice-daily chain gage readings at former site from July 1925 to September 1926 are available in the district office.

REVISED RECORDS.--WSP 1335: 1930-31, 1933, 1936-38, 1942-43. WSP 2109: Drainage area. WRD IN-02-1: 1991, 1994(P). WRD IN-03-1: 1991, 1994, 1997-2002(P).

GAGE.--Water-stage recorder. Datum of gage is 722.16 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 21, 1961, water-stage recorder at site 500 ft downstream at same datum.

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

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known, 16.3 ft Mar. 26, 1913, from floodmarks, discharge, 22,000 ft³/s by slope-area measurement.

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	60	61	589	860	e291	343	252	449	199	184	95	150
2	61	304	634	797	e281	331	246	393	187	154	85	136
3	61	471	490	2,490	e273	305	226	350	190	128	79	108
4	61	339	372	5,160	e270	289	219	325	193	109	77	88
5	60	243	308	6,630	273	288	207	295	188	93	76	78
6	56	186	271	8,580	318	270	203	277	179	81	88	64
7	55	164	329	6,920	556	268	214	268	169	77	88	62
8	54	138	586	3,320	1,230	283	239	266	160	66	78	58
9	54	116	561	1,760	1,300	257	195	248	150	68	70	62
10	53	104	450	1,480	1,040	241	190	235	146	75	66	62
11	52	124	428	1,720	787	240	190	233	154	65	65	61
12	53	215	399	3,440	634	246	190	506	244	54	73	64
13	83	147	360	5,020	570	246	214	446	813	56	81	61
14	86	124	311	5,160	1,110	226	174	687	969	65	75	70
15	60	113	259	3,710	1,830	216	149	779	532	75	75	95
16	61	111	227	1,850	1,760	210	151	587	323	280	70	212
17	55	107	218	1,140	1,510	205	158	438	227	773	63	145
18	83	105	202	871	1,020	203	159	359	186	557	53	135
19	106	122	203	e727	715	206	154	379	158	372	49	117
20	66	120	174	e632	596	208	149	697	136	265	56	329
21	56	119	e156	e552	563	208	184	667	120	257	55	219
22	52	118	e158	e491	515	209	488	498	113	1,970	53	160
23	78	113	e156	e440	468	236	1,860	433	102	965	53	134
24	145	352	e148	e402	423	191	2,080	377	94	450	47	122
25	82	887	e144	e381	379	234	1,330	308	99	273	89	205
26	67	699	e141	e377	368	300	936	267	99	191	114	1,130
27	65	512	e138	e357	331	312	954	252	87	232	65	782
28	65	558	e136	e318	326	323	798	235	127	205	64	459
29	61	450	e135	e312	---	279	640	234	321	154	63	347
30	60	381	e198	e315	---	263	541	222	303	126	111	250
31	62	---	621	e305	---	256	---	211	---	112	209	---
TOTAL	2,073	7,603	9,502	66,517	19,737	7,892	13,690	11,921	6,968	8,532	2,385	5,965
MEAN	66.9	253	307	2,146	705	255	456	385	232	275	76.9	199
MAX	145	887	634	8,580	1,830	343	2,080	779	969	1,970	209	1,130
MIN	52	61	135	305	270	191	149	211	87	54	47	58
CFSM	0.22	0.85	1.03	7.20	2.37	0.85	1.53	1.29	0.78	0.92	0.26	0.67
IN.	0.26	0.95	1.19	8.30	2.46	0.99	1.71	1.49	0.87	1.07	0.30	0.74

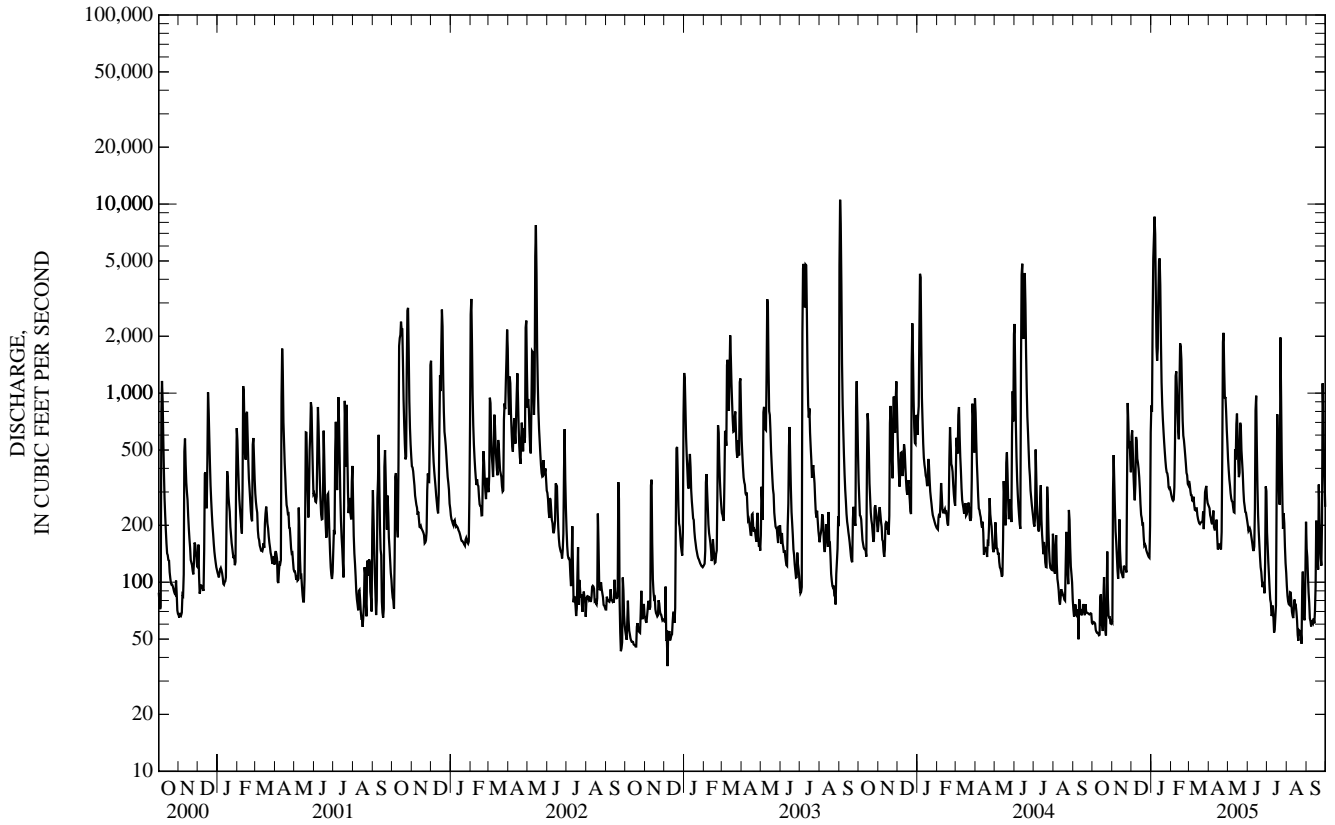
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2005, BY WATER YEAR (WY)

MEAN	110	191	283	421	424	510	504	400	308	205	117	112
MAX	981	1,283	1,059	2,390	1,278	1,399	1,503	1,524	1,638	1,258	739	1,242
(WY)	(2002)	(1994)	(1991)	(1950)	(1950)	(1963)	(1964)	(1943)	(1998)	(2003)	(1979)	(2003)
MIN	23.4	32.1	38.2	37.1	50.4	47.5	59.7	33.6	42.2	29.1	15.5	11.5
(WY)	(1941)	(1935)	(1935)	(1945)	(1935)	(1941)	(1941)	(1941)	(1934)	(1936)	(1941)	(1941)

03352500 FALL CREEK AT MILLERSVILLE, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1930 - 2005	
ANNUAL TOTAL	131,217		162,785			
ANNUAL MEAN	359		446		298	
HIGHEST ANNUAL MEAN					539	1950
LOWEST ANNUAL MEAN					44.0	1941
HIGHEST DAILY MEAN	4,840	Jun 13	8,580	Jan 6	10,600	May 18, 1943
LOWEST DAILY MEAN	50	Sep 9	47	Aug 24	7.8	Sep 28, 1941
ANNUAL SEVEN-DAY MINIMUM	54	Oct 6	52	Aug 18	9.0	Sep 24, 1941
MAXIMUM PEAK FLOW			8,710	Jan 6	12,900	May 28, 1956
MAXIMUM PEAK STAGE			13.71	Jan 6	15.68	Sep 2, 2003
ANNUAL RUNOFF (CFSM)	1.20		1.50		1.00	
ANNUAL RUNOFF (INCHES)	16.38		20.32		13.59	
10 PERCENT EXCEEDS	620		804		661	
50 PERCENT EXCEEDS	208		214		132	
90 PERCENT EXCEEDS	68		63		48	

e Estimated



03352750 WHITE RIVER AT MICHIGAN STREET AT INDIANAPOLIS, IN

LOCATION.--Lat 39°46'29", long 86°11'23", in SE¹/₄NW¹/₄ sec.3, T.15 N., R.3 E., Marion County, Hydrologic Unit 05120201, (INDIANAPOLIS WEST, IN quadrangle), on the southwest corner of the Michigan Street bridge, 0.34 mi downstream of 10th Street bridge, 0.38 mi downstream of the mouth of Fall Creek, 1.7 mi northwest of Monument Circle, and at mile 233.3.

DRAINAGE AREA.--1,622 mi².

PERIOD OF RECORD.--September 2004 to current year.

GAGE.--Water-stage recorder. Datum of gage is 670.00 ft above National Geodetic Vertical Datum of 1929.

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

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	261	249	1,930	4,000	1,240	1,500	1,250	2,510	678	1,400	484	968
2	250	1,140	2,400	4,640	1,160	1,470	1,130	2,080	643	1,270	386	1,490
3	253	1,390	2,700	e9,170	1,110	e1,350	1,140	1,770	656	1,530	346	892
4	245	1,390	2,050	e18,000	1,080	1,260	1,230	1,570	654	984	e371	572
5	246	1,180	1,590	e28,400	1,060	1,230	1,230	1,390	621	710	e343	404
6	242	879	1,350	e36,700	1,130	1,210	1,090	1,260	637	529	e364	315
7	242	724	1,560	e33,500	1,760	1,220	e1,080	1,180	606	436	352	253
8	229	590	2,660	e25,400	5,280	1,340	e1,270	1,140	538	365	303	237
9	223	480	3,840	e15,100	8,360	1,240	e1,160	1,070	473	304	339	293
10	197	426	2,900	7,860	7,730	1,120	e1,030	990	433	275	262	296
11	186	445	2,310	e7,570	5,680	1,040	e1,040	959	455	297	255	267
12	184	700	2,430	e16,200	4,130	1,050	e983	1,400	1,050	384	419	e248
13	332	576	2,390	e28,800	3,400	1,040	927	1,440	2,800	321	845	230
14	522	516	1,840	e35,500	5,290	973	945	1,930	4,150	288	789	238
15	432	495	1,430	e29,300	8,500	891	807	2,160	3,200	e334	620	370
16	311	452	1,200	e17,800	8,960	872	735	1,960	2,030	990	469	1,190
17	265	418	1,100	e8,200	7,730	826	712	1,640	1,410	2,490	418	e1,080
18	390	420	1,020	5,480	6,200	801	707	1,310	1,060	e1,610	363	1,790
19	502	464	940	4,240	4,140	801	669	1,290	868	1,320	318	1,050
20	390	484	e702	3,650	3,140	828	662	2,520	732	1,190	277	1,620
21	307	469	e531	3,170	2,780	834	781	3,200	600	764	e266	946
22	253	499	e548	e2,650	2,610	790	2,710	2,390	532	4,770	e254	672
23	390	518	e479	e2,180	2,410	889	7,920	1,830	471	3,730	209	541
24	549	819	e436	e1,810	2,130	846	e10,000	1,560	414	1,770	e218	553
25	395	2,270	e402	e1,740	1,920	940	e9,460	1,290	384	1,070	234	883
26	363	2,920	e385	e1,710	1,740	1,280	7,030	1,120	385	743	328	4,940
27	332	2,390	e359	e1,570	1,580	1,750	5,680	997	373	1,530	332	4,710
28	321	2,180	e368	e1,400	1,490	1,850	5,370	916	565	2,450	e324	4,220
29	289	1,810	e428	e1,310	---	1,560	4,090	876	1,350	1,390	e290	e2,450
30	262	1,740	e659	e1,290	---	1,360	3,140	830	1,550	891	583	1,800
31	249	---	1,600	1,330	---	1,330	---	767	---	e645	1,010	---
TOTAL	9,612	29,033	44,537	359,670	103,740	35,491	75,978	47,345	30,318	36,780	12,371	35,518
MEAN	310	968	1,437	11,600	3,705	1,145	2,533	1,527	1,011	1,186	399	1,184
MAX	549	2,920	3,840	36,700	8,960	1,850	10,000	3,200	4,150	4,770	1,010	4,940
MIN	184	249	359	1,290	1,060	790	662	767	373	275	209	230

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2005, BY WATER YEAR (WY)

MEAN	310	968	1,437	11,600	3,705	1,145	2,533	1,527	1,011	1,186	399	1,184
MAX	310	968	1,437	11,600	3,705	1,145	2,533	1,527	1,011	1,186	399	1,184
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)
MIN	310	968	1,437	11,600	3,705	1,145	2,533	1,527	1,011	1,186	399	1,184
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)

SUMMARY STATISTICS

ANNUAL TOTAL
ANNUAL MEAN
HIGHEST ANNUAL MEAN
LOWEST ANNUAL MEAN
HIGHEST DAILY MEAN
LOWEST DAILY MEAN
ANNUAL SEVEN-DAY MINIMUM
MAXIMUM PEAK FLOW
MAXIMUM PEAK STAGE
10 PERCENT EXCEEDS
50 PERCENT EXCEEDS
90 PERCENT EXCEEDS

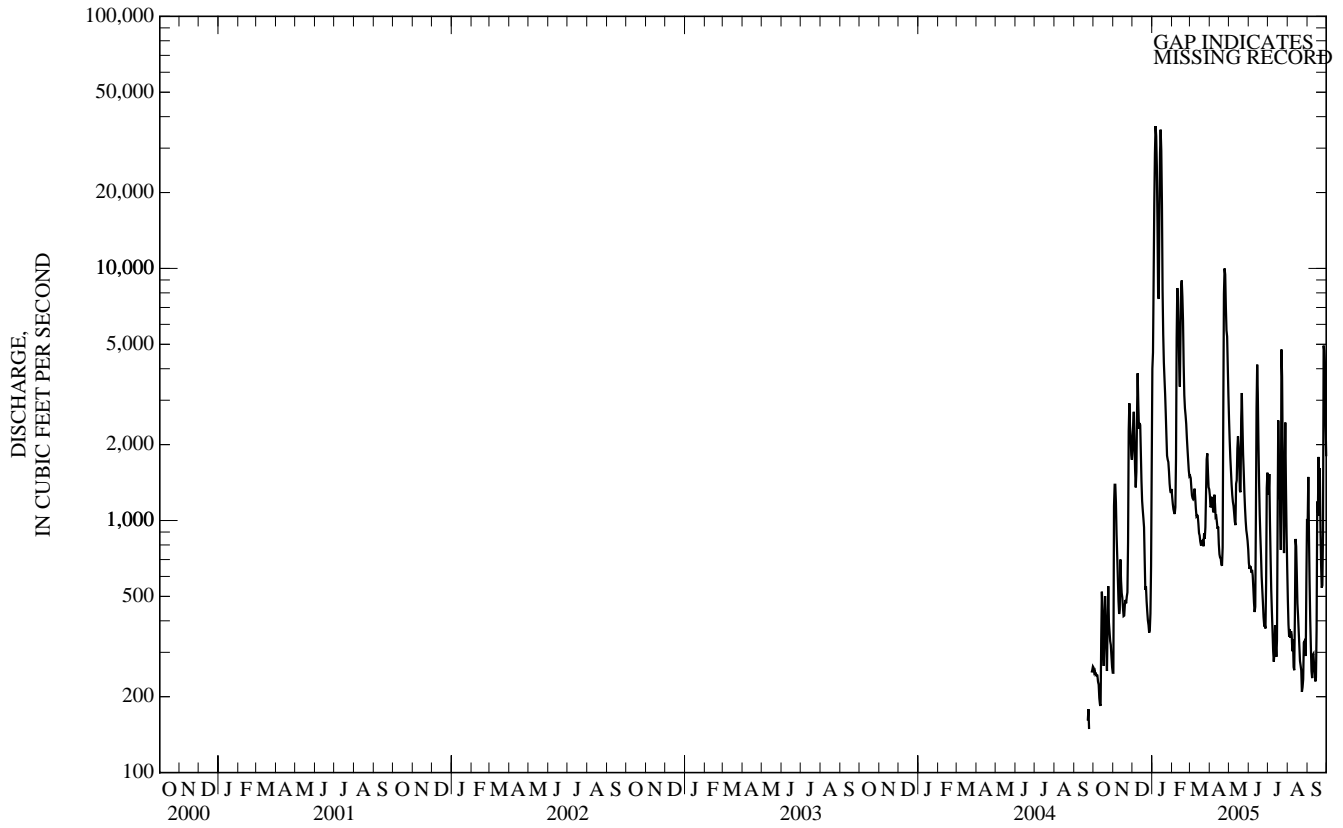
FOR 2005 WATER YEAR

WATER YEARS 2004 - 2005

820,393			
2,248			
		2,248	
		2,248	2005
		2,248	2005
e 36,700	Jan 6	36,700	Jan 6, 2005
184	Oct 12	149	Sep 24, 2004
215	Oct 6	215	Oct 6, 2004
unknown	unknown	unknown	unknown
unknown	unknown	unknown	unknown
4,230		4,230	
1,040		1,040	
295		295	

e Estimated

03352750 WHITE RIVER AT MICHIGAN STREET AT INDIANAPOLIS, IN—Continued



03353000 WHITE RIVER AT INDIANAPOLIS, IN

LOCATION.--Lat 39°44'14", long 86°10'08", in NW¹/₄NW¹/₄ sec.14, T.15 N., R.3 E., Marion County, Hydrologic Unit 05120201, (INDIANAPOLIS WEST, IN quadrangle), on left bank under Raymond Street bridge in Indianapolis, 3.7 mi downstream from Fall Creek, 2.3 mi upstream from Eagle Creek, 2.9 mi upstream from Indianapolis Power and Light Company dam, and at mile 229.2.

DRAINAGE AREA.--1,635 mi².

PERIOD OF RECORD.--March 1904 to July 1906 and April 1930 to current year. Gage-height record published in reports of National Weather Service for site 2.0 mi upstream Feb. 8, 1911, to Mar. 25, 1913, and at site 3.2 mi upstream since Oct. 16, 1913. Prior to October 1948, published as West Fork White River at Indianapolis.

REVISED RECORDS.--WSP 1335: 1932-33, 1937, 1939-41. WSP 1505: 1938. WSP 2109: Drainage area. WDR IN-01-1 (P).

GAGE.--Acoustic Velocity Meter and Data Collection Platform. Datum of gage is 662.26 ft above National Geodetic Vertical Datum of 1929. March 1904 to July 1906, nonrecording gage at railroad bridge 1.9 mi upstream at datum approximately 2.9 ft higher. April 1930 to July 20, 1931, nonrecording gage at Indianapolis sanitation plant, 1.2 mi downstream at datum 2.26 ft lower. July 21, 1931 to Mar. 2, 1932, nonrecording gage and March 3, 1932, to September, 30 1940, water-stage recorder at Morris Street, 1.1 mi upstream at datum 2.26 ft lower. October 1, 1940, to September 30, 1998, water-stage recorder at Morris Street, 1.1 mi upstream at present datum. October 1, 1998, to May 16, 2000, Acoustic Velocity Meter at Interstate 70 bridge, 1.3 mi upstream at present datum. May 16, 2000 to present, Acoustic Velocity Meter and Data collection Platform at Raymond Street.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Stage-discharge relation affected at times by large releases from Eagle Creek and by variable leakage at Indianapolis Power and Light Company dam. Natural flow affected by regulation of Morse Reservoir, Geist Reservoir and by diversion of municipal water supply by the Indianapolis Water Company.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Mar. 26, 1913, reached a stage of 30.0 ft, from floodmarks determined by Indianapolis Water Company, discharge, 70,000 ft³/s.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	356	213	2,130	3,410	1,240	1,690	1,330	2,770	693	1,530	521	895
2	355	1,430	2,400	4,540	1,170	1,630	1,260	2,350	675	1,310	408	1,370
3	357	1,220	2,640	9,690	1,110	1,430	1,220	1,930	681	1,620	362	847
4	353	1,130	2,080	18,500	1,100	1,320	1,270	1,710	676	1,100	393	573
5	345	957	1,580	28,900	1,110	1,290	1,300	1,600	658	838	396	431
6	e340	696	1,420	37,100	1,130	1,330	1,150	1,470	663	657	372	354
7	e334	570	1,840	34,100	1,770	1,360	1,140	1,330	644	565	361	283
8	326	472	2,690	26,100	4,690	1,470	1,320	1,290	590	489	311	259
9	317	397	3,580	15,500	7,660	1,320	1,220	1,270	520	432	410	359
10	273	360	2,540	7,430	7,260	1,190	1,060	1,160	477	392	393	358
11	257	421	2,050	7,990	5,430	1,120	1,070	1,060	481	413	413	323
12	252	622	2,080	16,700	4,080	1,120	1,030	1,490	1,360	668	488	299
13	505	480	2,090	29,400	3,380	1,160	1,010	1,610	3,500	509	840	274
14	631	418	1,630	36,200	5,130	1,100	1,090	2,340	4,370	444	804	280
15	605	393	1,290	29,800	7,960	958	945	2,490	3,290	e515	702	412
16	454	368	1,050	18,200	8,840	924	821	2,100	2,190	1,180	559	1,210
17	382	335	901	8,030	7,490	884	803	1,800	1,530	3,520	502	915
18	724	337	842	5,130	6,020	865	802	1,460	1,160	1,720	451	1,610
19	763	429	788	3,990	4,110	876	733	1,480	953	1,420	430	1,060
20	563	403	e673	3,470	3,330	902	737	2,630	799	1,330	349	1,730
21	472	376	e545	3,090	2,820	962	970	3,370	670	947	314	952
22	410	397	e561	e2,600	2,650	912	3,410	2,650	589	5,510	297	705
23	778	409	e502	e2,220	2,420	992	8,790	2,070	522	4,100	237	576
24	688	900	e457	e1,870	2,130	912	10,200	1,660	475	1,750	234	612
25	353	2,220	e431	e1,830	2,010	1,020	9,540	1,360	431	1,040	254	1,060
26	313	2,750	e418	e1,760	1,840	1,350	6,780	1,180	423	738	433	5,570
27	313	2,500	e409	e1,620	1,690	1,760	5,640	1,050	423	1,650	450	5,000
28	288	2,340	e402	e1,450	1,640	1,980	5,290	951	597	2,580	458	4,290
29	266	1,840	e410	e1,340	---	1,690	4,120	885	1,580	1,420	374	2,570
30	253	1,800	e548	e1,360	---	1,440	3,280	839	1,680	875	1,160	1,830
31	216	---	1,360	e1,320	---	1,430	---	776	---	695	1,350	---
TOTAL	12,842	27,183	42,337	364,640	101,210	38,387	79,331	52,131	33,300	41,957	15,026	37,007
MEAN	414	906	1,366	11,760	3,615	1,238	2,644	1,682	1,110	1,353	485	1,234
MAX	778	2,750	3,580	37,100	8,840	1,980	10,200	3,370	4,370	5,510	1,350	5,570
MIN	216	213	402	1,320	1,100	865	733	776	423	392	234	259
CFSM	0.25	0.55	0.84	7.19	2.21	0.76	1.62	1.03	0.68	0.83	0.30	0.75
IN.	0.29	0.62	0.96	8.30	2.30	0.87	1.80	1.19	0.76	0.95	0.34	0.84

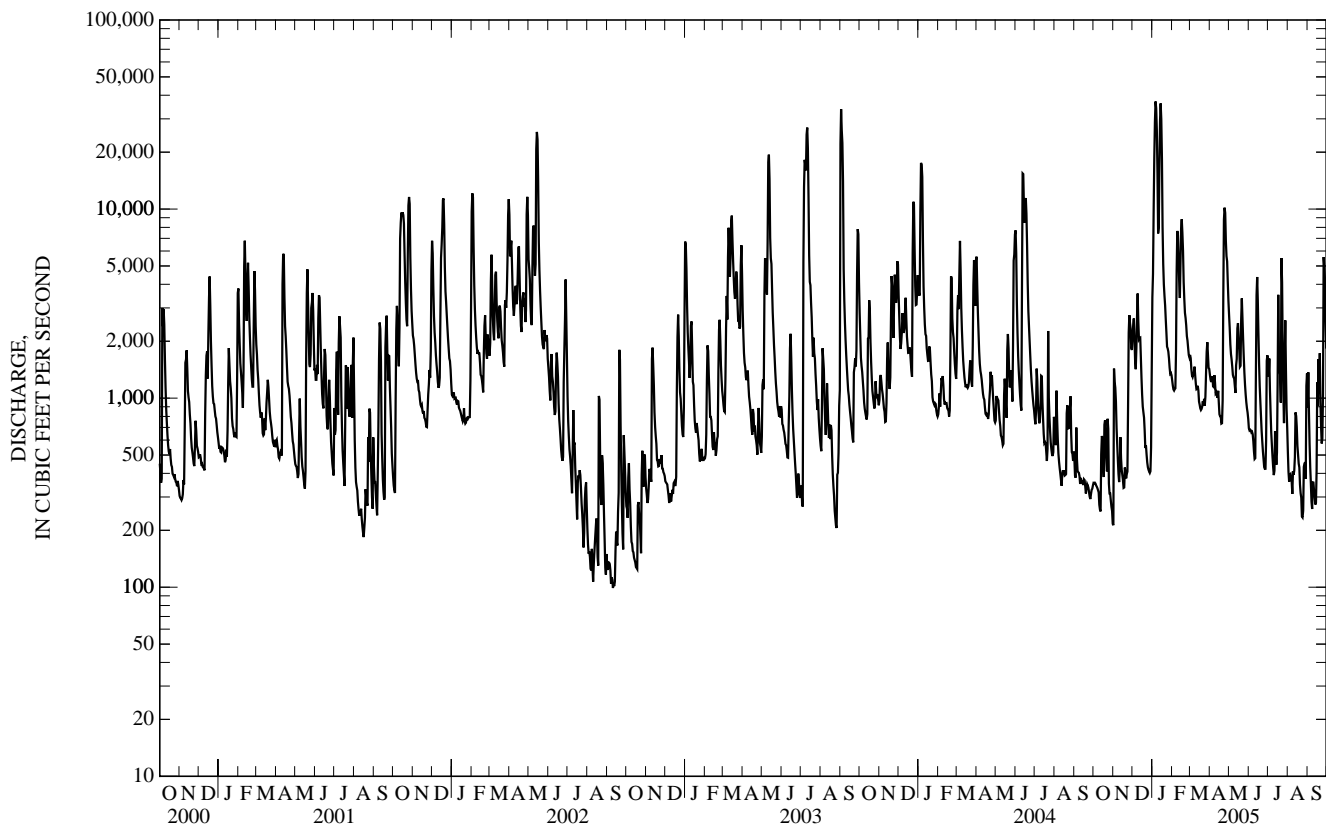
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1931 - 2005, BY WATER YEAR (WY)

MEAN	490	925	1,401	2,053	2,129	2,674	2,636	1,965	1,501	965	533	505
MAX	4,791	6,425	5,826	12,120	6,452	6,610	7,777	8,594	7,910	6,173	3,399	5,814
(WY)	(2002)	(1994)	(1991)	(1950)	(1950)	(1963)	(1964)	(1943)	(1958)	(2003)	(1979)	(2003)
MIN	70.1	110	77.3	78.4	178	207	274	113	126	90.3	42.5	31.5
(WY)	(1941)	(1935)	(1964)	(1977)	(1964)	(1941)	(1941)	(1941)	(1988)	(1936)	(1941)	(1941)

03353000 WHITE RIVER AT INDIANAPOLIS, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1931 - 2005	
ANNUAL TOTAL	597,923		845,351			
ANNUAL MEAN	1,634		2,316		1,477	
HIGHEST ANNUAL MEAN					2,698	1950
LOWEST ANNUAL MEAN					233	1941
HIGHEST DAILY MEAN	17,500	Jan 5	37,100	Jan 6	37,100	Jan 6, 2005
LOWEST DAILY MEAN	213	Nov 1	213	Nov 1	8.0	Sep 29, 1941
ANNUAL SEVEN-DAY MINIMUM	266	Oct 26	266	Oct 26	12	Sep 24, 1941
MAXIMUM PEAK FLOW			37,700	Jan 6	42,500	Sep 1, 2003
MAXIMUM PEAK STAGE			18.53	Jan 6	21.57	Jan 16, 1937
ANNUAL RUNOFF (CFSM)	0.999		1.42		0.904	
ANNUAL RUNOFF (INCHES)	13.60		19.23		12.28	
10 PERCENT EXCEEDS	3,490		4,320		3,400	
50 PERCENT EXCEEDS	921		1,090		671	
90 PERCENT EXCEEDS	355		358		150	

e Estimated



03353120 PLEASANT RUN AT ARLINGTON AVENUE AT INDIANAPOLIS, IN

LOCATION.--Lat 39°46'33", long 86°03'50", in SW¹/₄NW¹/₄ sec.2, T.15 N., R.4 E., Marion County, Hydrologic Unit 05120201, (INDIANAPOLIS EAST, IN quadrangle), on right bank 46 ft upstream from Arlington Avenue bridge in Indianapolis, 0.5 mi downstream from small left-bank tributary, and at mile 7.9.

DRAINAGE AREA.--7.58 mi².

PERIOD OF RECORD.--December 1959 to current year.

REVISED RECORDS.--WSP 2109: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 780.00 ft above National Geodetic Vertical Datum of 1929 (levels by State of Indiana, Department of Natural Resources).

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

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in May 1956 reached a stage of 16.0 ft, from information by local resident.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e0.42	e3.4	33	11	e1.1	3.4	2.0	2.5	0.80	1.3	0.79	1.8
2	e0.39	113	8.7	17	1.1	2.1	5.3	2.2	0.96	0.79	0.71	0.77
3	e0.38	9.9	5.4	309	1.0	1.8	2.3	2.2	1.0	0.58	0.64	0.46
4	e0.36	4.9	4.1	64	1.0	1.7	1.8	1.6	0.90	0.51	e0.62	0.33
5	e0.35	3.1	3.4	546	1.2	1.6	1.6	1.4	0.87	0.50	e2.0	0.27
6	e0.34	2.3	3.9	133	1.4	1.4	1.6	1.3	1.0	0.46	e1.0	0.50
7	e0.33	1.9	45	16	19	1.4	4.2	1.2	1.1	0.57	e0.65	0.24
8	e0.32	1.7	12	17	8.2	1.4	2.2	1.2	1.2	0.83	0.55	34
9	e0.31	1.6	6.2	19	9.6	1.2	1.5	1.1	1.0	0.28	0.52	2.6
10	e0.31	1.6	7.9	13	4.4	1.2	1.3	1.0	0.99	0.24	1.5	e0.57
11	e0.32	22	12	172	2.8	1.3	1.2	1.2	1.5	0.68	2.5	0.42
12	e1.6	7.5	5.5	69	2.3	1.4	2.1	2.1	74	15	1.00	0.24
13	e6.0	3.1	4.1	248	6.0	1.2	2.1	3.9	21	1.6	1.3	e0.22
14	e2.6	2.3	3.2	25	51	1.1	1.2	59	4.1	0.93	0.65	e0.43
15	e4.8	1.9	2.9	7.2	9.2	1.00	1.1	4.9	1.6	e0.76	3.8	15
16	e1.3	2.2	2.9	5.0	45	1.0	0.97	2.1	1.4	e1.9	e1.2	4.7
17	e0.94	1.9	2.8	e4.0	8.8	0.98	0.92	1.5	0.94	138	0.64	e0.66
18	e37	2.2	2.5	e2.6	4.6	1.3	0.92	1.5	0.80	4.3	0.50	0.34
19	e4.0	11	2.1	e2.4	3.4	1.8	0.89	3.5	0.74	2.8	e1.9	24
20	e1.2	3.4	1.8	e2.2	4.8	1.1	1.0	7.2	0.69	1.6	2.2	15
21	e0.78	2.4	1.8	e2.0	3.9	0.91	6.1	1.9	0.65	76	e0.80	1.4
22	e0.72	2.6	1.7	e1.8	2.8	2.2	131	1.3	0.59	222	0.86	0.65
23	e54	2.3	e1.7	e1.5	2.3	7.3	142	1.1	0.57	5.5	0.42	0.52
24	e5.1	98	e1.6	e1.4	2.3	2.0	10	1.0	1.2	2.7	0.32	e2.2
25	e1.5	23	e1.6	e1.3	2.0	12	5.4	1.00	0.55	e1.8	e0.30	e124
26	e2.0	6.8	e1.6	e1.2	1.8	4.8	24	0.90	0.42	e1.3	e3.4	50
27	e3.5	28	e1.6	e1.2	1.6	2.9	9.0	0.84	0.46	8.7	4.6	e2.9
28	e1.0	15	e1.8	e1.1	5.9	13	4.3	0.90	45	1.7	1.2	e1.3
29	e1.5	5.9	e15	e1.1	---	4.4	3.5	0.83	32	1.1	e0.50	5.5
30	e2.7	20	30	e1.2	---	2.4	3.8	1.1	3.8	0.90	161	1.1
31	e1.0	---	23	e1.2	---	3.8	---	0.86	---	0.81	e28	---
TOTAL	137.07	404.9	250.8	1,697.4	208.5	85.09	375.30	114.33	201.83	496.14	226.07	292.12
MEAN	4.42	13.5	8.09	54.8	7.45	2.74	12.5	3.69	6.73	16.0	7.29	9.74
MAX	54	113	45	546	51	13	142	59	74	222	161	124
MIN	0.31	1.6	1.6	1.1	1.0	0.91	0.89	0.83	0.42	0.24	0.30	0.22
CFSM	0.58	1.78	1.07	7.22	0.98	0.36	1.65	0.49	0.89	2.11	0.96	1.28
IN.	0.67	1.99	1.23	8.33	1.02	0.42	1.84	0.56	0.99	2.43	1.11	1.43

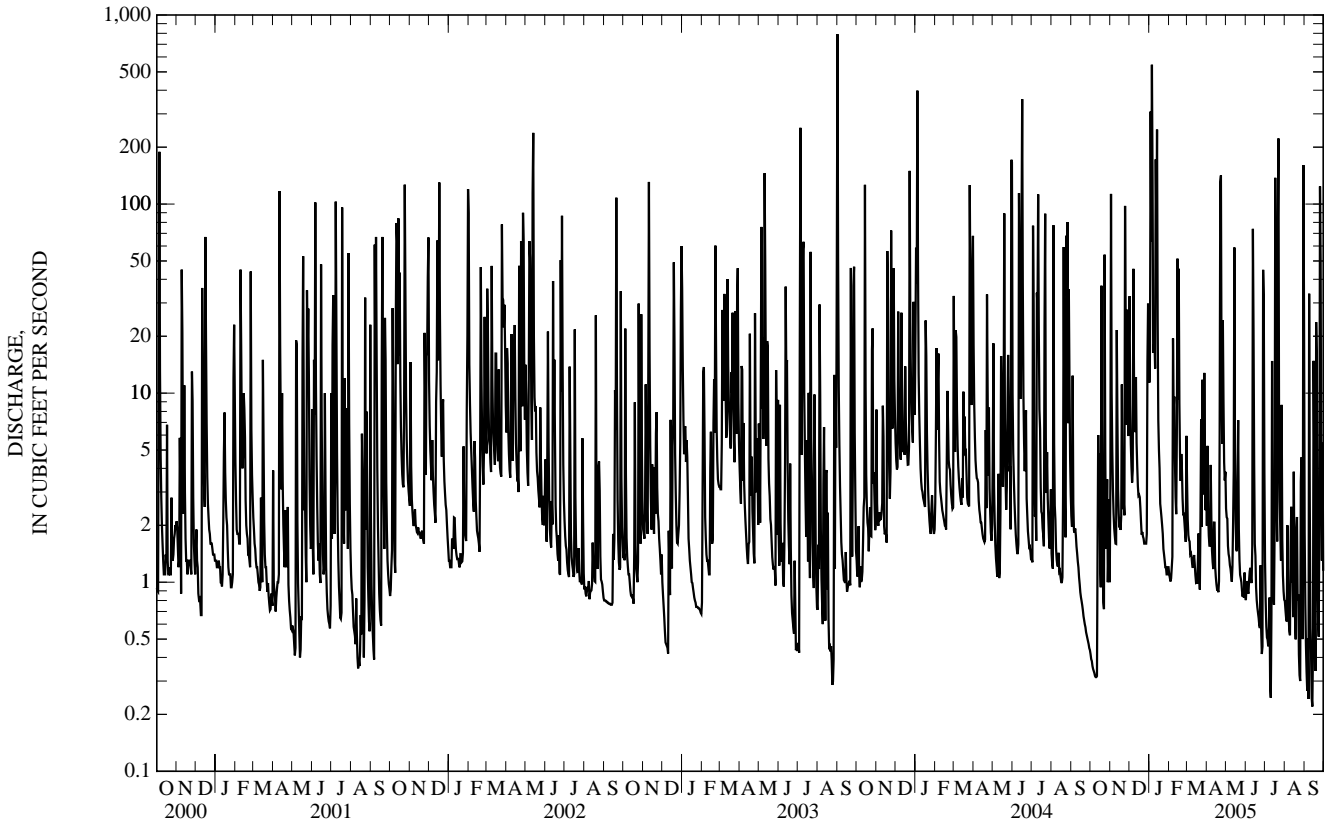
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 2005, BY WATER YEAR (WY)

MEAN	4.71	8.80	8.60	9.02	8.57	12.6	11.1	10.5	8.04	8.84	5.15	5.08
MAX	27.5	36.9	33.3	54.8	25.7	42.3	28.5	37.8	49.2	33.8	21.3	34.3
(WY)	(1987)	(1994)	(1991)	(2005)	(1971)	(1963)	(1961)	(1996)	(1998)	(1979)	(1979)	(2003)
MIN	0.38	1.05	0.72	0.45	1.11	1.81	1.61	1.12	0.69	0.61	0.67	0.49
(WY)	(1964)	(2000)	(1964)	(1977)	(1978)	(2001)	(1971)	(1964)	(1967)	(1967)	(1967)	(1967)

03353120 PLEASANT RUN AT ARLINGTON AVENUE AT INDIANAPOLIS, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1960 - 2005	
ANNUAL TOTAL	4,486.38		4,489.55		8.44	
ANNUAL MEAN	12.3		12.3		12.8	
HIGHEST ANNUAL MEAN					3.25	2004
LOWEST ANNUAL MEAN					1966	
HIGHEST DAILY MEAN	398	Jan 4	546	Jan 5	792	Sep 1, 2003
LOWEST DAILY MEAN	0.31	Oct 9	0.22	Sep 13	0.00	Sep 11, 1960
ANNUAL SEVEN-DAY MINIMUM	0.33	Oct 5	0.33	Oct 5	0.00	Oct 5, 1960
MAXIMUM PEAK FLOW			1,800	Jul 22	2,600	Jun 25, 1978
MAXIMUM PEAK STAGE			10.76	Jul 22	13.86	Jun 25, 1978
ANNUAL RUNOFF (CFSM)	1.62		1.62		1.11	
ANNUAL RUNOFF (INCHES)	22.02		22.03		15.12	
10 PERCENT EXCEEDS	28		22		17	
50 PERCENT EXCEEDS	2.8		1.8		1.9	
90 PERCENT EXCEEDS	1.1		0.55		0.50	

e Estimated



03353200 EAGLE CREEK AT ZIONSVILLE, IN

LOCATION.--Lat 39°56'47", long 86°15'37", in NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.2, T.17 N., R.2 E., Boone County, Hydrologic Unit 05120201, (ZIONSVILLE, IN quadrangle), on right upstream end of Zionsville Road bridge over Eagle Creek, 0.15 mi south of Highway 334, 1.0 mi downstream from Little Eagle Creek, 0.34 mi downstream from Long Branch Ditch, and at mile 24.4.

DRAINAGE AREA.--106 mi².

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

REVISED RECORDS.--WSP 2109: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 813.85 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 9, 1957, nonrecording gage, and prior to Oct. 1, 1999 a continuous water-stage recorder at site 0.4 mi upstream and at datum 3.00 ft higher.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Prior to 1989, low flow affected by the Zionsville well field located on the right bank downstream of the gage.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of June 28, 1957, reached a stage of 19.20 ft. from floodmark (datum 816.85 ft).

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	1.4	3.9	198	201	e41	85	88	119	24	31	43	15
2	1.3	24	155	317	e40	68	82	103	24	20	31	9.8
3	1.3	16	105	2,010	e39	60	67	90	27	14	32	7.0
4	1.4	12	75	2,200	e39	62	57	76	25	11	23	5.5
5	1.5	9.0	55	3,220	53	65	53	68	26	9.0	21	4.7
6	1.5	7.3	45	2,570	113	57	47	64	54	7.5	19	4.1
7	1.4	6.2	296	749	347	65	73	60	33	6.3	16	3.6
8	1.4	5.5	414	462	622	59	114	55	26	5.2	16	3.4
9	1.8	5.1	199	343	441	47	87	50	22	4.0	13	2.9
10	2.0	4.6	145	374	302	44	71	47	19	3.3	11	2.8
11	1.6	7.5	136	1,190	199	49	60	42	17	2.7	10	2.9
12	1.7	9.7	124	2,800	173	48	57	84	75	5.9	45	2.8
13	6.3	7.9	99	2,270	211	42	71	73	900	5.7	25	2.5
14	4.7	6.8	67	1,350	794	35	65	164	362	6.8	18	3.3
15	4.1	6.3	48	509	478	32	52	141	178	7.4	15	7.6
16	3.7	6.1	43	307	653	31	43	96	106	23	14	19
17	3.0	5.5	37	e205	377	31	40	73	71	311	14	12
18	10	5.4	32	e161	204	32	37	59	51	110	12	8.1
19	7.4	6.8	e28	e134	151	35	36	115	39	54	11	19
20	5.8	6.8	e24	e114	137	34	34	301	31	31	9.2	84
21	5.0	6.4	e21	e100	150	30	38	165	26	36	8.1	32
22	4.4	6.2	e20	e89	134	29	529	117	23	994	7.0	15
23	6.5	6.3	e17	e80	116	49	955	94	21	371	6.2	11
24	7.3	36	e14	e74	109	51	439	71	17	177	5.8	11
25	5.5	147	e12	e72	98	92	247	54	14	104	6.1	60
26	4.6	84	e10	e69	88	173	252	47	12	67	6.0	664
27	5.8	68	e8.8	e61	78	128	370	41	11	775	8.5	285
28	4.9	150	e8.0	e55	87	111	211	37	33	325	10	147
29	4.4	100	e18	e52	---	88	159	33	58	156	9.0	186
30	4.7	80	e53	e49	---	75	141	30	49	95	17	143
31	3.9	---	298	e44	---	98	---	27	---	63	23	---
TOTAL	120.3	846.3	2,804.8	22,231	6,274	1,905	4,575	2,596	2,374	3,831.8	504.9	1,774.0
MEAN	3.88	28.2	90.5	717	224	61.5	152	83.7	79.1	124	16.3	59.1
MAX	10	150	414	3,220	794	173	955	301	900	994	45	664
MIN	1.3	3.9	8.0	44	39	29	34	27	11	2.7	5.8	2.5
CFSM	0.04	0.27	0.85	6.77	2.11	0.58	1.44	0.79	0.75	1.17	0.15	0.56
IN.	0.04	0.30	0.98	7.80	2.20	0.67	1.61	0.91	0.83	1.34	0.18	0.62

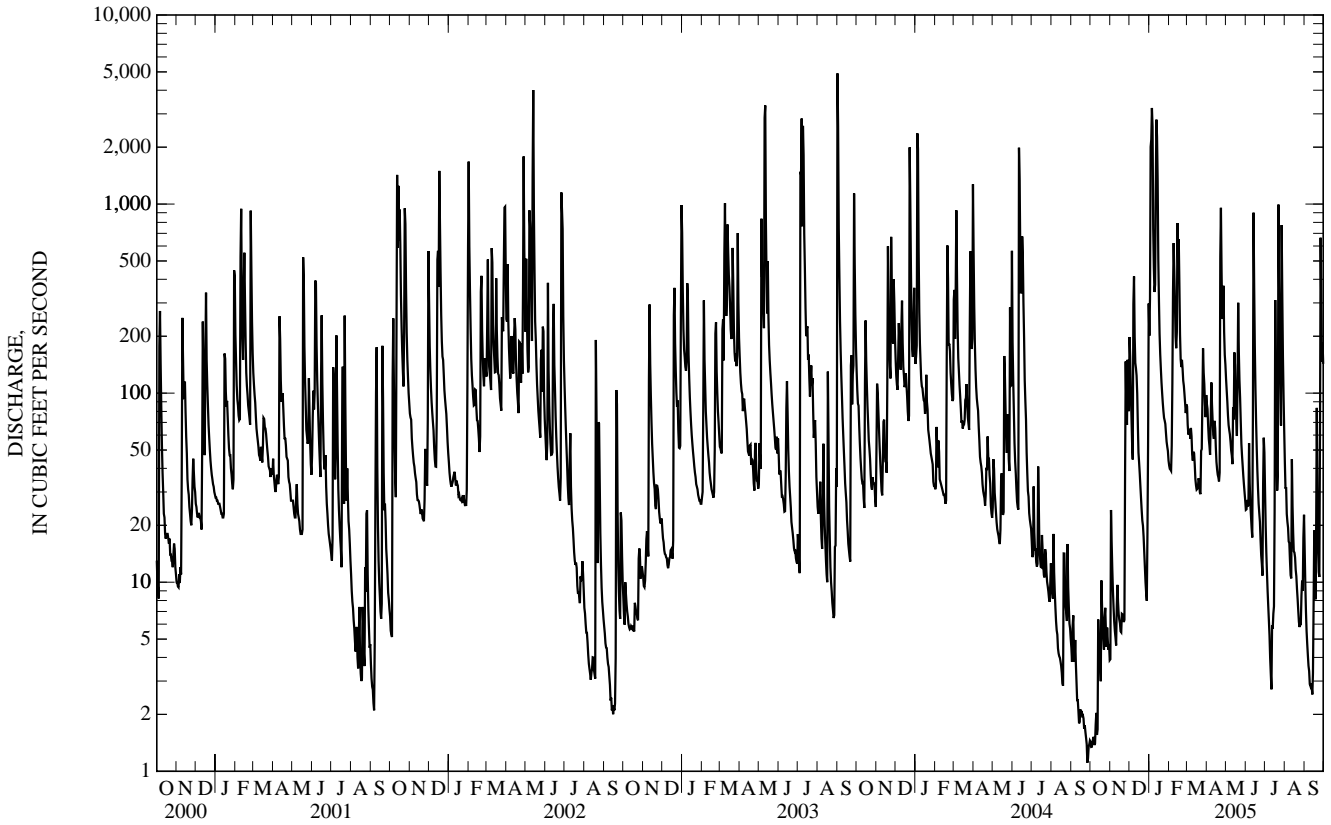
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 2005, BY WATER YEAR (WY)

MEAN	27.4	82.4	123	131	148	192	168	116	95.9	67.7	33.2	29.3
MAX	330	542	530	717	423	459	532	456	523	520	444	414
(WY)	(2002)	(1993)	(1991)	(2005)	(1976)	(1963)	(1964)	(1996)	(1958)	(1979)	(1958)	(2003)
MIN	0.00	0.80	1.65	1.23	9.05	23.9	24.6	12.0	1.55	1.52	0.00	0.00
(WY)	(1967)	(2000)	(1977)	(1977)	(1964)	(2000)	(2000)	(1988)	(1988)	(1966)	(1966)	(1966)

03353200 EAGLE CREEK AT ZIONSVILLE, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1958 - 2005	
ANNUAL TOTAL	34,028.8		49,837.1		101	
ANNUAL MEAN	93.0		137		188	
HIGHEST ANNUAL MEAN					1974	
LOWEST ANNUAL MEAN					2000	
HIGHEST DAILY MEAN	2,370	Jan 4	3,220	Jan 5	6,840	Dec 30, 1990
LOWEST DAILY MEAN	1.1	Sep 26	1.3	Oct 2	0.00	Sep 9, 1959
ANNUAL SEVEN-DAY MINIMUM	1.3	Sep 26	1.4	Oct 1	0.00	Sep 15, 1959
MAXIMUM PEAK FLOW			4,750	Jan 5	12,400	Apr 20, 1964
MAXIMUM PEAK STAGE			10.25	Jan 5	14.64	Apr 20, 1964
ANNUAL RUNOFF (CFSM)	0.877		1.29		0.953	
ANNUAL RUNOFF (INCHES)	11.94		17.49		12.95	
10 PERCENT EXCEEDS	188		301		217	
50 PERCENT EXCEEDS	28		42		31	
90 PERCENT EXCEEDS	3.0		4.8		1.4	

e Estimated



03353450 EAGLE CREEK RESERVOIR NEAR INDIANAPOLIS, IN

LOCATION.--Lat 39°49'20", long 86°18'13", in NW¹/₄NW¹/₄ sec. 22, T.16 N., R.2 E., Marion County, Hydrologic Unit 05120201, (CLERMONT, IN quadrangle), in outlet structure of reservoir on Eagle Creek, 800 ft upstream from Interstate Highway 74, 0.5 mi downstream from School Branch, 1.0 mi northeast of Clermont, and 2 mi west of Indianapolis.

DRAINAGE AREA.--162 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 0.00 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Reservoir is formed by earth-fill dam. Low flow is controlled through a 48-inch diameter conduit. Spillway elevation, 783 ft is an ogee section with 6 taintor gates, each 40 ft wide and 25 ft high. Permanent pool capacity is 24,000 acre-ft, elevation, 790.00 ft. Reservoir is used for flood control, low-flow maintenance, water supply, and recreation. Reservoir put into operation Nov. 27, 1969.

COOPERATION.--Water-stage elevations and capacity tables furnished by Indianapolis Flood Control District.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 30,940 acre-ft May 11, 2003, elevation, 794.84 ft; minimum, 11,390 acre-ft Nov. 17-18, 1991, elevation, 778.70 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 26,560 acre-ft Jan. 6, elevation, 791.83 ft; minimum, 19,690 acre-ft Nov. 1, elevation, 786.66 ft.

MONTHEND ELEVATION AND CONTENTS, AT 2400,

WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Sept. 30	787.70	21,010	-1280
Oct. 31	786.69	19,730	2660
Nov. 30	788.76	22,390	-80
Dec. 31	788.70	22,310	
CAL YR 2004	—	—	
Jan. 31	789.00	22,700	390
Feb. 28	788.96	22,650	-50
Mar. 31	790.30	24,420	1770
Apr. 30	791.28	25,790	1370
May 31	790.91	25,270	-520
Jun 30	790.74	25,040	-230
Jul 31	791.06	25,480	440
Aug. 31	790.34	24,480	-1000
Sep. 30	788.94	22,620	-1860
WTR YR 2005			1610

03353451 EAGLE CREEK BELOW RESERVOIR AT INDIANAPOLIS, IN

LOCATION.--Lat 39°49'19", long 86°18'14", in NW¼NW¼ sec. 22, T.16 N., R.2 E., Marion County, Hydrologic Unit 05120201, (CLERMONT, IN quadrangle), in outlet structure of reservoir on Eagle Creek, 800 ft upstream from Interstate Highway 74, 0.5 mi downstream from School Branch, 1.0 mi northeast of Clermont, and 2.0 mi west of Indianapolis.

DRAINAGE AREA.--162 mi².

PERIOD OF RECORD.--October 1992 to current year. Published as "03353450 Eagle Creek Reservoir near Indianapolis" October 1992 to September 1994.

GAGE.--Water stage recorder located 100 ft downstream of outlet structure. Datum of gage is 741.15 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair. Mean daily discharges below 50 ft³/s published. Unit discharges below 50 ft³/s available in district office. For a complete record of Eagle Creek in this vicinity use records of Eagle Creek at Indianapolis, IN (station 03353500) about 4.9 mile downstream. Prior to Oct. 1993, this station was published under Eagle Creek Reservoir at Indianapolis (station 03353450).

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	11	11	---	---	22	---	18	---	13	15	12	12
2	11	11	---	---	23	---	18	---	13	16	11	12
3	11	11	---	---	22	22	17	21	13	14	11	12
4	9.8	11	---	---	---	20	16	---	13	14	11	12
5	10	11	---	---	---	---	15	---	13	14	11	12
6	11	11	---	---	---	---	16	---	13	14	11	12
7	10	11	---	---	---	---	---	17	13	13	11	12
8	10	11	---	---	---	---	---	---	13	13	11	12
9	11	11	---	---	---	19	---	---	13	13	11	12
10	11	11	---	---	---	19	---	---	13	12	12	12
11	12	11	---	---	---	18	---	14	13	12	11	12
12	12	11	---	---	---	---	---	---	---	13	11	12
13	12	11	---	---	---	---	---	16	---	12	11	12
14	11	11	---	---	---	---	---	---	---	11	12	12
15	12	11	---	---	---	18	---	---	---	10	12	13
16	12	11	---	---	---	17	17	---	---	10	11	13
17	12	11	---	---	---	17	---	15	---	11	11	13
18	12	10	---	---	---	16	16	---	---	11	11	13
19	11	10	---	---	---	17	15	---	---	---	11	13
20	11	11	12	---	---	---	---	---	---	11	11	12
21	11	11	11	---	---	---	---	---	18	11	11	13
22	11	11	12	---	---	---	---	---	17	---	11	12
23	11	11	---	---	---	18	---	---	17	---	12	12
24	11	11	---	---	---	17	---	15	17	12	12	12
25	11	11	---	---	---	17	---	15	16	12	11	12
26	11	10	---	---	---	18	---	15	16	---	12	---
27	11	10	---	---	---	18	---	14	16	---	12	---
28	11	11	---	---	---	---	---	15	16	---	12	---
29	10	11	12	---	---	---	---	14	15	---	12	---
30	10	11	12	---	---	15	---	14	14	---	12	---
31	11	---	12	---	---	17	---	14	---	---	11	---
TOTAL	341.8	326	71	---	67	303	148	199	305	274	352	306
MEAN	11.0	10.9	11.8	---	22.3	17.8	16.4	15.3	14.5	12.5	11.4	12.2
MAX	12	11	12	---	23	22	18	21	18	16	12	13
MIN	9.8	10	11	---	22	15	15	14	13	10	11	12
CFSM	0.07	0.07	0.07	---	0.14	0.11	0.10	0.09	0.09	0.08	0.07	0.08
IN.	0.08	0.07	0.02	---	0.02	0.07	0.03	0.05	0.07	0.06	0.08	0.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2005, BY WATER YEAR (WY)

MEAN	9.30	9.29	9.09	9.77	10.6	12.0	14.3	13.0	12.0	11.3	9.57	9.64
MAX	13.0	12.6	12.0	17.8	22.3	17.8	24.2	23.0	16.2	15.0	13.0	19.4
(WY)	(2003)	(2001)	(1997)	(2004)	(2005)	(2005)	(1996)	(1996)	(2004)	(2004)	(1999)	(2003)
MIN	3.63	3.69	3.88	4.07	4.84	8.65	10.4	4.94	4.07	4.40	3.49	3.55
(WY)	(1995)	(1995)	(1996)	(1996)	(1995)	(1994)	(2000)	(1993)	(1993)	(1993)	(1994)	(1994)

SUMMARY STATISTICS

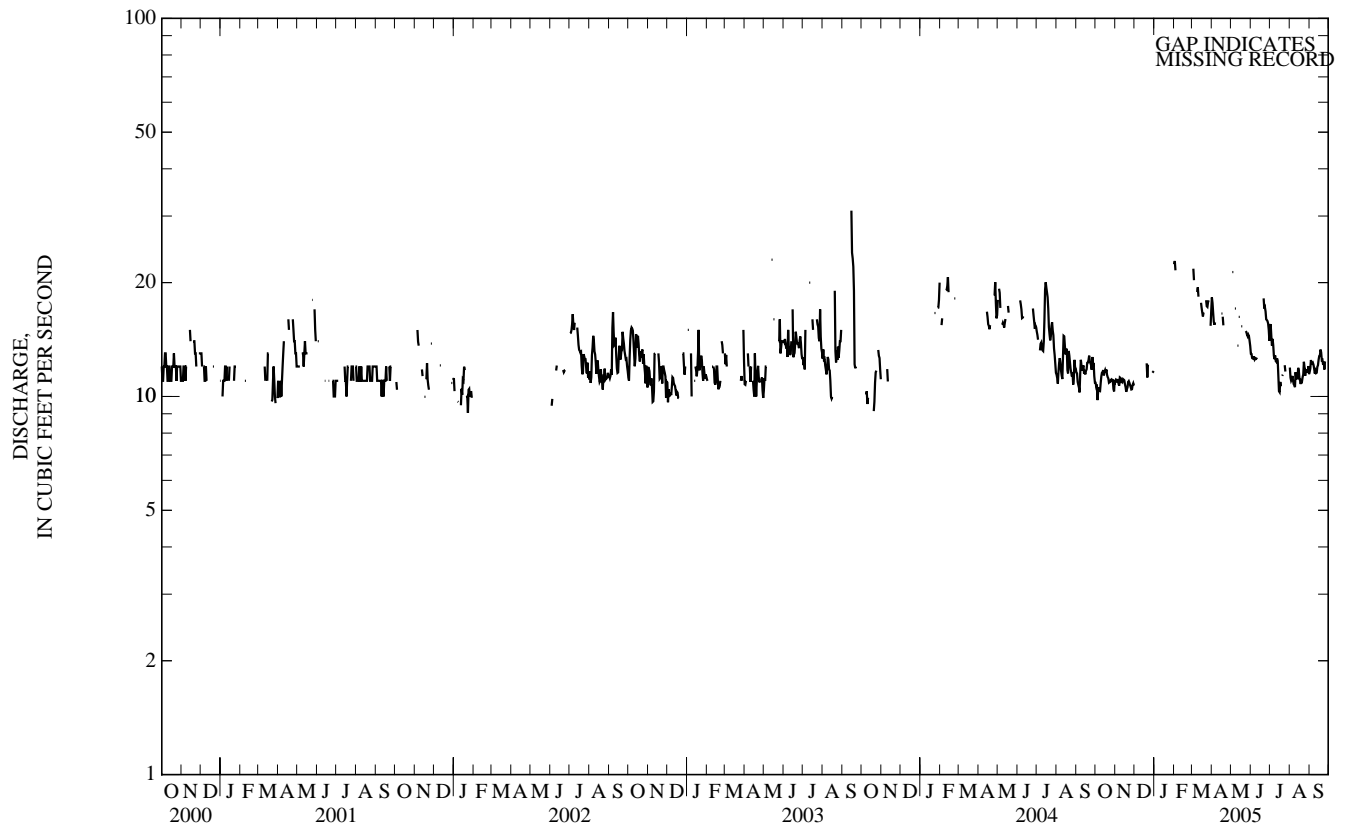
FOR 2004 CALENDAR YEAR

FOR 2005 WATER YEAR

WATER YEARS 1992 - 2005

ANNUAL TOTAL	2,717.8	2,692.8	
ANNUAL MEAN	13.3	12.9	10.5
HIGHEST ANNUAL MEAN			14.0
LOWEST ANNUAL MEAN			4.34
HIGHEST DAILY MEAN	21	Feb 13	23
LOWEST DAILY MEAN	9.8	Oct 4	9.8
ANNUAL SEVEN-DAY MINIMUM	10	Oct 2	10
ANNUAL RUNOFF (CFSM)	0.082		0.080
ANNUAL RUNOFF (INCHES)	0.62		0.62
10 PERCENT EXCEEDS	18		17
50 PERCENT EXCEEDS	12		12
90 PERCENT EXCEEDS	11		11

03353451 EAGLE CREEK BELOW RESERVOIR AT INDIANAPOLIS, IN—Continued



03353500 EAGLE CREEK AT INDIANAPOLIS, IN

LOCATION.--Lat 39°46'40", long 86°15'01", in NW¹/₄NW¹/₄ sec.6, T.15 N., R.3 E., Marion County, Hydrologic Unit 05120201, (CLERMONT, IN quadrangle), on right bank at downstream side of bridge on Lynhurst Drive, approximately 600 ft south of intersection of West 10th Street and Lynhurst Drive, 0.5 mi downstream from West 10th Street bridge, 1.0 mi upstream from Vermont Street bridge, 3.0 mi upstream from Little Eagle Creek, and 7.1 mi upstream from mouth.

DRAINAGE AREA.--174 mi².

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

REVISED RECORDS.--WSP 953: 1939. WSP 1625: 1958. WSP 2109: Drainage area. WDR IN-93-1: 1992.

GAGE.--Water-stage recorder. Datum of gage is 697.00 ft above National Geodetic Vertical Datum of 1929. Aug. 8, 1957 to June 30, 1958, temporary site during reconstruction of bridge on Lynhurst Drive, a nonrecording gage on downstream side of 10th Street bridge. Mar. 10, 1966 to Aug. 16, 1967, during channelization of Eagle Creek, a nonrecording gage on downstream side of Lynhurst Drive bridge. Prior to Oct. 1, 1967, at datum 9.21 ft higher, (erroneously published as 7.21 ft higher in 1992 report). Oct. 1, 1967 to Sept. 30, 1992 at datum 2 ft higher.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated since November 1969 by Eagle Creek Reservoir, 4.7 mi upstream (see station 03353450).

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in March 1913 reached a stage of 23.2 ft present datum, 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	13	18	115	242	35	150	30	290	15	15	23	17
2	13	108	182	531	34	125	31	227	17	18	16	15
3	14	34	179	1,800	33	37	26	32	16	16	15	15
4	12	23	141	3,540	101	35	25	55	15	15	14	14
5	12	20	87	4,660	124	57	24	158	14	14	18	14
6	13	18	175	4,320	76	129	24	126	15	15	15	14
7	13	16	212	1,920	167	127	80	37	14	13	14	13
8	13	16	445	976	422	113	170	76	14	13	14	13
9	13	16	467	837	587	30	124	140	13	13	15	13
10	14	16	212	244	579	31	76	76	13	13	20	12
11	14	31	211	749	562	30	149	19	14	12	16	12
12	20	27	207	3,350	540	55	88	79	137	24	14	12
13	32	20	206	2,280	340	144	53	34	1,120	14	15	12
14	20	18	204	1,840	468	120	141	152	635	13	15	12
15	27	18	198	1,100	681	29	79	272	300	e18	17	19
16	17	18	128	865	883	26	24	27	203	40	14	16
17	17	18	81	623	855	25	70	23	137	62	14	14
18	46	18	81	310	631	23	26	57	132	18	13	13
19	24	22	80	187	410	24	22	152	88	22	16	25
20	17	18	23	269	538	78	97	212	56	15	13	35
21	17	18	21	320	223	158	165	300	23	19	13	15
22	16	18	23	307	221	89	696	296	20	885	13	14
23	56	17	56	218	116	32	1,600	141	20	629	13	14
24	28	66	168	127	86	27	790	21	19	22	13	24
25	19	48	154	124	166	e32	333	19	18	17	12	80
26	17	29	146	124	157	e30	300	18	18	54	19	892
27	18	52	119	124	155	e31	589	20	17	683	16	852
28	16	54	43	123	156	e140	345	20	18	461	14	449
29	16	34	25	120	---	e75	165	18	21	143	12	262
30	16	38	34	119	---	29	200	18	16	103	76	252
31	16	---	39	75	---	35	---	17	---	175	33	---
TOTAL	599	867	4,462	32,424	9,346	2,066	6,542	3,132	3,158	3,574	545	3,164
MEAN	19.3	28.9	144	1,046	334	66.6	218	101	105	115	17.6	105
MAX	56	108	467	4,660	883	158	1,600	300	1,120	885	76	892
MIN	12	16	21	75	33	23	22	17	13	12	12	12
CFSM	0.11	0.17	0.83	6.01	1.92	0.38	1.25	0.58	0.60	0.66	0.10	0.61
IN.	0.13	0.19	0.95	6.93	2.00	0.44	1.40	0.67	0.68	0.76	0.12	0.68

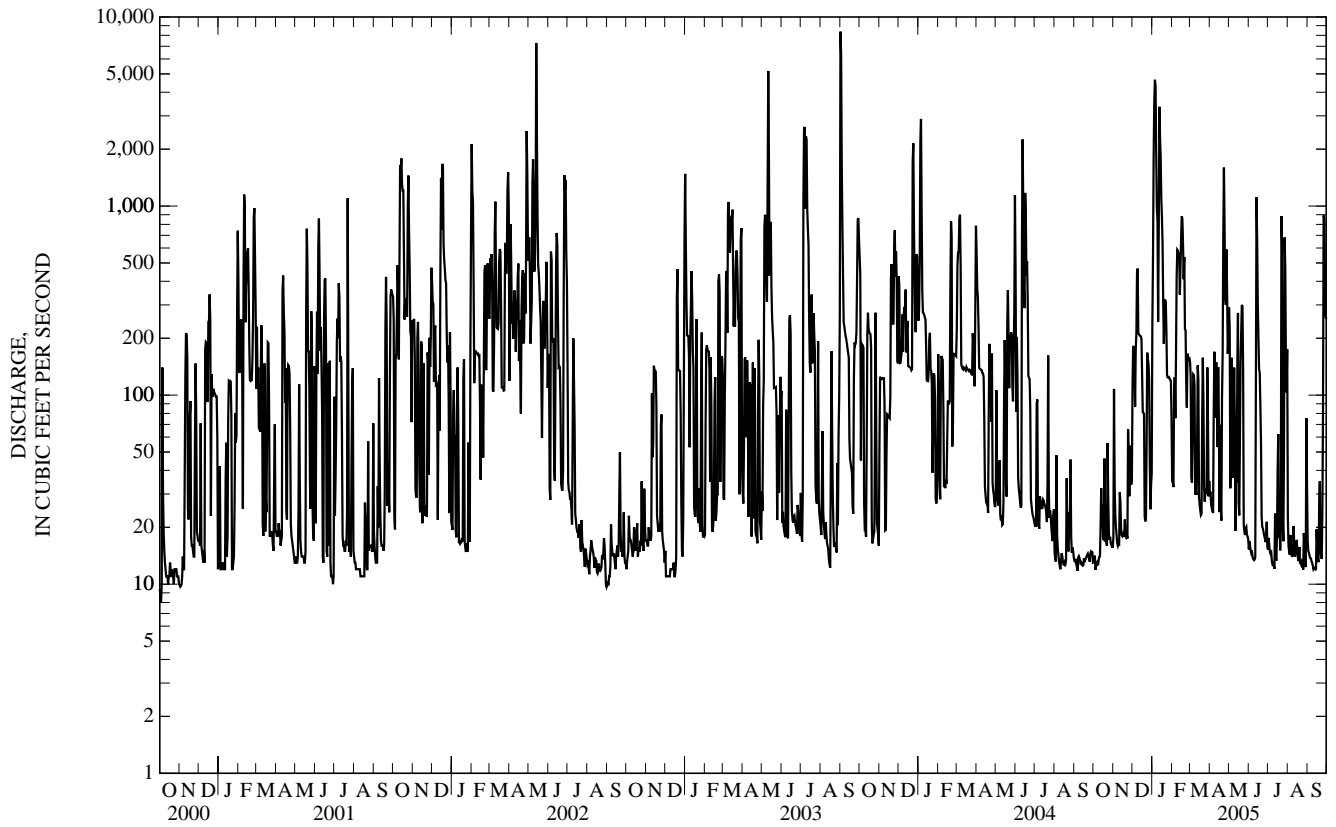
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2005, BY WATER YEAR (WY)

MEAN	41.3	110	166	216	239	299	291	218	151	90.7	37.7	50.5
MAX	574	851	906	1,485	765	900	906	1,127	904	800	490	780
(WY)	(2002)	(1993)	(1991)	(1950)	(1976)	(1978)	(1964)	(1943)	(1957)	(1979)	(1958)	(2003)
MIN	1.52	3.05	3.48	4.06	10.8	16.5	25.4	14.3	4.66	3.69	0.19	0.40
(WY)	(1941)	(1941)	(1945)	(1945)	(1998)	(2000)	(2000)	(1976)	(1988)	(1968)	(1941)	(1941)

03353500 EAGLE CREEK AT INDIANAPOLIS, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1939 - 2005	
ANNUAL TOTAL	49,088		69,879			
ANNUAL MEAN	134		191		159	
HIGHEST ANNUAL MEAN					316 1974	
LOWEST ANNUAL MEAN					18.8 1941	
HIGHEST DAILY MEAN	2,890	Jan 5	4,660	Jan 5	9,890	Dec 30, 1990
LOWEST DAILY MEAN	12	Aug 10	12	Oct 4	0.00	Aug 7, 1941
ANNUAL SEVEN-DAY MINIMUM	13	Sep 30	12	Sep 8	0.01	Aug 22, 1941
MAXIMUM PEAK FLOW			6,960		28,800 Jun 28, 1957	
MAXIMUM PEAK STAGE			11.12		23.59 Jun 28, 1957	
ANNUAL RUNOFF (CFSM)	0.771		1.10		0.913	
ANNUAL RUNOFF (INCHES)	10.49		14.94		12.41	
10 PERCENT EXCEEDS	273		467		360	
50 PERCENT EXCEEDS	34		32		38	
90 PERCENT EXCEEDS	14		14		6.2	

e Estimated



03353600 LITTLE EAGLE CREEK AT SPEEDWAY, IN

LOCATION.--Lat 39°47'15", long 86°13'43", in NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.32, T.16 N., R.3 E., Marion County, Hydrologic Unit 05120201, (INDIANAPOLIS WEST, IN quadrangle), on right bank at downstream side of 16th Street bridge in Speedway, 0.6 mi upstream from Dry Run, and 2.3 mi upstream from mouth.

DRAINAGE AREA.--24.3 mi² including 5.57 mi² from Dry Run basin. Since June 1964 part of the flow from the 5.57 mi² of Dry Run basin has been diverted into Little Eagle Creek above gage.

PERIOD OF RECORD.--October 1959 to current year. Figures of runoff for June 1964 to September 1966 have been found to be in error and should not be used.

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

GAGE.--Water-stage recorder. Datum of gage is 707.82 ft above National Geodetic Vertical Datum of 1929 (levels by State of Indiana, Department of Natural Resources). Prior to June 13, 1975, at datum 3.00 ft higher.

REMARKS.--Records poor.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e0.78	21	101	e72	12	19	19	16	2.8	8.6	4.7	15
2	e0.75	217	58	110	12	15	19	13	4.0	5.7	4.3	8.6
3	e0.72	58	43	914	11	13	15	12	4.4	3.7	3.7	5.7
4	e0.69	33	36	372	11	12	13	10	3.9	3.1	3.3	4.3
5	e0.66	24	30	1,050	11	11	11	9.3	3.6	3.3	7.2	3.5
6	e0.68	19	34	398	12	9.8	10	8.5	8.5	2.6	5.9	3.0
7	e0.66	17	129	134	57	9.3	32	8.1	4.8	2.4	4.9	2.8
8	e0.65	15	75	102	55	e10	22	7.9	3.8	2.1	4.3	2.7
9	e0.64	14	50	96	44	15	13	6.9	3.4	2.1	3.8	3.1
10	e0.64	13	45	101	35	13	11	6.1	3.1	1.9	5.1	3.3
11	e0.64	45	52	209	25	13	9.0	5.9	2.9	1.7	4.0	2.7
12	14	51	41	206	21	14	12	7.9	138	36	2.8	2.5
13	44	26	33	548	30	12	16	22	148	11	13	2.4
14	23	19	29	193	165	11	11	47	27	8.5	5.9	2.1
15	26	17	27	95	61	11	7.9	17	13	34	6.4	52
16	14	17	26	71	122	9.8	7.2	9.8	8.8	224	5.1	80
17	8.2	16	24	e48	54	9.9	6.6	7.5	6.8	323	3.6	18
18	72	17	24	e40	36	9.5	6.4	6.2	5.4	38	2.8	9.7
19	36	38	e20	39	27	11	5.9	21	4.8	20	7.0	53
20	16	26	e19	35	27	12	5.8	32	4.3	12	4.4	120
21	11	20	21	e28	27	10	17	11	3.8	28	2.8	28
22	9.6	19	20	e25	22	12	275	7.8	3.2	99	2.6	15
23	83	18	e15	e18	19	30	262	6.2	2.8	22	2.6	9.9
24	41	108	e14	e17	17	17	61	4.9	2.6	13	2.2	16
25	19	98	e13	e18	16	43	36	4.2	3.9	9.1	1.9	142
26	14	48	e15	e18	16	35	66	4.3	6.5	17	10	303
27	21	88	e15	e15	14	23	52	3.7	2.3	72	32	50
28	16	98	e20	e14	18	25	30	3.4	21	17	13	26
29	15	50	44	15	---	18	23	3.3	49	9.6	5.1	34
30	24	57	73	16	---	15	21	3.5	16	6.9	124	14
31	19	---	e95	14	---	33	---	3.3	---	5.6	58	---
TOTAL	533.31	1,307	1,241	5,031	977	501.3	1,095.8	329.7	512.4	1,042.9	356.4	1,032.3
MEAN	17.2	43.6	40.0	162	34.9	16.2	36.5	10.6	17.1	33.6	11.5	34.4
MAX	83	217	129	1,050	165	43	275	47	148	323	124	303
MIN	0.64	13	13	14	11	9.3	5.8	3.3	2.3	1.7	1.9	2.1
CFSM	0.71	1.79	1.65	6.68	1.44	0.67	1.50	0.44	0.70	1.38	0.47	1.42
IN.	0.82	2.00	1.90	7.70	1.50	0.77	1.68	0.50	0.78	1.60	0.55	1.58

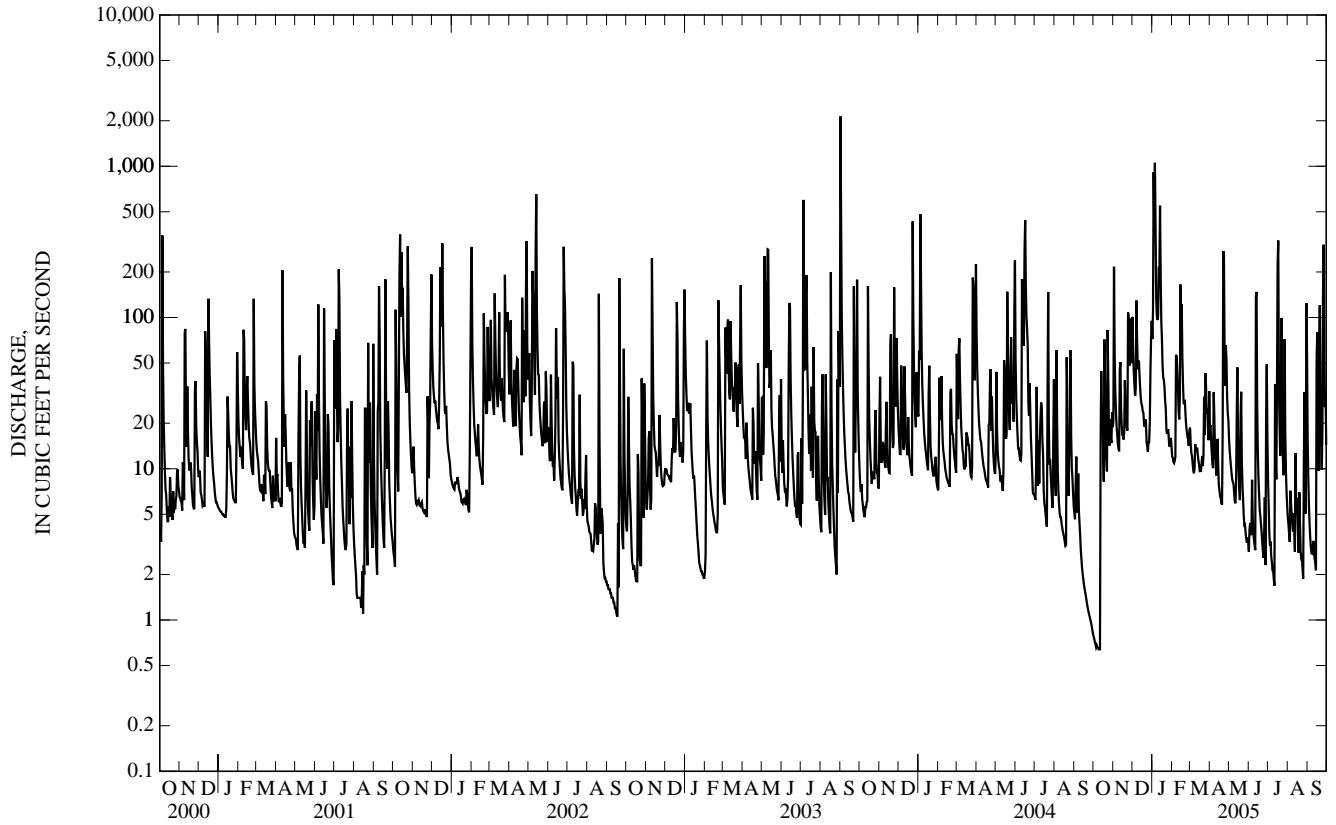
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 2005, BY WATER YEAR (WY)

	12.9	25.3	29.0	29.3	30.7	36.9	35.8	33.8	22.5	20.0	11.9	14.4
MEAN	12.9	25.3	29.0	29.3	30.7	36.9	35.8	33.8	22.5	20.0	11.9	14.4
MAX	88.9	115	111	162	77.1	87.8	84.4	140	112	92.3	44.7	114
(WY)	(1987)	(1994)	(1991)	(2005)	(1997)	(1978)	(1996)	(1996)	(1998)	(1979)	(1979)	(2003)
MIN	0.81	1.50	0.85	0.32	3.82	4.84	5.51	4.84	0.98	0.67	0.15	0.20
(WY)	(1967)	(1966)	(1977)	(1977)	(1978)	(1981)	(1976)	(1976)	(1988)	(1966)	(1966)	(1966)

03353600 LITTLE EAGLE CREEK AT SPEEDWAY, IN—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1965 - 2005	
ANNUAL TOTAL	10,833.48		13,960.11		25.2	
ANNUAL MEAN	29.6		38.2		43.6	
HIGHEST ANNUAL MEAN					4.86	1993
LOWEST ANNUAL MEAN					2,130	Sep 1, 2003
HIGHEST DAILY MEAN	481	Jan 4	1,050	Jan 5	0.00	Jul 8, 1966
LOWEST DAILY MEAN	0.64	Oct 9	0.64	Oct 9	0.07	Aug 2, 1966
ANNUAL SEVEN-DAY MINIMUM	0.65	Oct 5	0.65	Oct 5	3,870	Sep 1, 2003
MAXIMUM PEAK FLOW			1,630	Jul 16	12.79	Sep 1, 2003
MAXIMUM PEAK STAGE			7.75	Jul 16	1.04	
ANNUAL RUNOFF (CF5M)	1.22		1.57		14.09	
ANNUAL RUNOFF (INCHES)	16.58		21.37		52	
10 PERCENT EXCEEDS	62		81		8.5	
50 PERCENT EXCEEDS	15		15		3.1	
90 PERCENT EXCEEDS	3.7		3.1		1.5	

e Estimated



03353611 WHITE RIVER AT STOUT GEN. STN. AT INDIANAPOLIS, IN

LOCATION.--Lat 39°42'52", long 86°12'02", in SE¹/₄NE¹/₄ sec.28, T.15N., R.3E., Marion County, Hydrologic Unit 05120201, (MAYWOOD, IN quadrangle), on right bank 0.34 mi above confluence with Lick Creek, 0.63 mi west of South Harding Street, 1.42 mi east of Lockburn Street and 1.46 mi south of Raymond Street, and at mile 226.3.

DRAINAGE AREA.--1,898 mi².

PERIOD OF RECORD.--Oct. 1, 1992 to current year.

GAGE.--Water-stage recorder. Datum of gage is 663.40 above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Natural flow affected by regulation of Morse Reservoir, Geist Reservoir, and Eagle Creek Reservoir and by diversion of municipal water supply by the Indianapolis Water Company.

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	382	388	2,560	3,860	1,450	1,990	1,610	2,820	1,020	1,850	557	949
2	381	1,940	2,820	5,170	1,380	1,910	1,540	2,440	1,000	1,600	445	1,380
3	383	1,580	3,030	11,100	1,330	1,670	1,480	1,960	999	1,930	399	901
4	382	1,450	2,460	19,300	1,330	1,570	1,530	1,760	987	1,380	432	632
5	372	1,260	1,910	30,400	1,360	1,550	1,570	1,720	970	1,110	442	492
6	367	961	1,770	38,900	1,350	1,610	1,430	1,580	980	908	409	406
7	362	820	2,310	33,200	2,010	1,650	1,450	1,410	960	802	398	337
8	353	707	3,200	24,200	4,730	1,760	1,660	1,380	897	706	355	321
9	348	615	3,860	14,300	7,610	1,580	1,540	1,390	814	641	457	411
10	319	571	2,700	7,030	7,280	1,440	1,340	1,280	740	588	459	411
11	308	664	2,260	8,000	5,570	1,370	1,390	1,180	743	617	487	375
12	304	907	2,260	17,000	4,360	1,380	1,330	1,630	1,950	965	552	352
13	544	724	2,280	28,900	3,620	1,470	1,290	1,770	4,710	743	896	333
14	661	645	1,850	35,800	5,410	1,390	1,410	2,630	5,010	659	860	339
15	639	612	1,510	28,400	8,080	1,220	1,230	2,760	3,480	e777	770	474
16	478	582	1,250	17,000	9,200	1,190	1,070	2,280	2,410	1,410	622	1,280
17	407	540	1,100	7,800	7,820	1,140	1,060	1,980	1,740	4,110	562	955
18	800	544	1,030	5,040	6,340	1,120	1,060	1,650	1,370	1,960	506	1,590
19	821	669	989	4,000	4,390	1,140	965	1,720	1,170	1,650	489	1,110
20	603	625	e770	3,560	3,730	1,170	975	2,870	1,000	1,560	399	1,820
21	510	594	e655	3,220	3,080	1,270	1,290	3,640	859	1,170	364	1,020
22	442	618	e664	2,840	2,900	1,210	4,080	2,950	774	6,110	353	772
23	860	632	e634	2,520	2,650	1,280	9,970	2,340	704	4,170	310	648
24	845	1,310	e611	2,130	2,330	1,180	10,300	1,890	655	1,620	307	689
25	559	2,780	e597	2,070	2,280	1,310	9,310	1,610	606	1,010	322	1,180
26	516	3,090	e594	2,040	2,120	1,640	6,730	1,430	601	745	508	6,160
27	518	2,860	e589	1,920	1,970	2,030	5,730	1,310	605	1,700	528	5,210
28	485	2,750	687	1,730	1,940	2,310	5,300	1,230	803	2,490	536	4,210
29	454	2,180	736	1,620	---	2,010	4,080	1,180	1,930	1,380	442	2,580
30	426	2,150	984	1,630	---	1,710	3,260	1,150	2,020	886	1,360	1,890
31	391	---	1,770	1,570	---	1,710	---	1,100	---	737	1,490	---
TOTAL	15,220	35,768	50,440	366,250	107,620	46,980	86,980	58,040	42,507	47,984	17,016	39,227
MEAN	491	1,192	1,627	11,810	3,844	1,515	2,899	1,872	1,417	1,548	549	1,308
MAX	860	3,090	3,860	38,900	9,200	2,310	10,300	3,640	5,010	6,110	1,490	6,160
MIN	304	388	589	1,570	1,330	1,120	965	1,100	601	588	307	321
CFSM	0.26	0.63	0.86	6.22	2.03	0.80	1.53	0.99	0.75	0.82	0.29	0.69
IN.	0.30	0.70	0.99	7.18	2.11	0.92	1.70	1.14	0.83	0.94	0.33	0.77

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2005, BY WATER YEAR (WY)

MEAN	986	1,985	1,747	3,163	2,188	2,819	2,747	3,047	2,448	1,693	620	1,066
MAX	5,339	7,366	4,215	11,810	4,000	5,526	5,334	7,735	6,924	6,751	1,360	6,137
(WY)	(2002)	(1994)	(1997)	(2005)	(1997)	(1997)	(2002)	(1996)	(1998)	(2003)	(1998)	(2003)
MIN	227	200	252	269	666	751	1,418	1,326	829	533	273	181
(WY)	(1995)	(2000)	(2000)	(2000)	(1995)	(2000)	(2003)	(2000)	(1994)	(1999)	(1999)	(1999)

SUMMARY STATISTICS

FOR 2004 CALENDAR YEAR

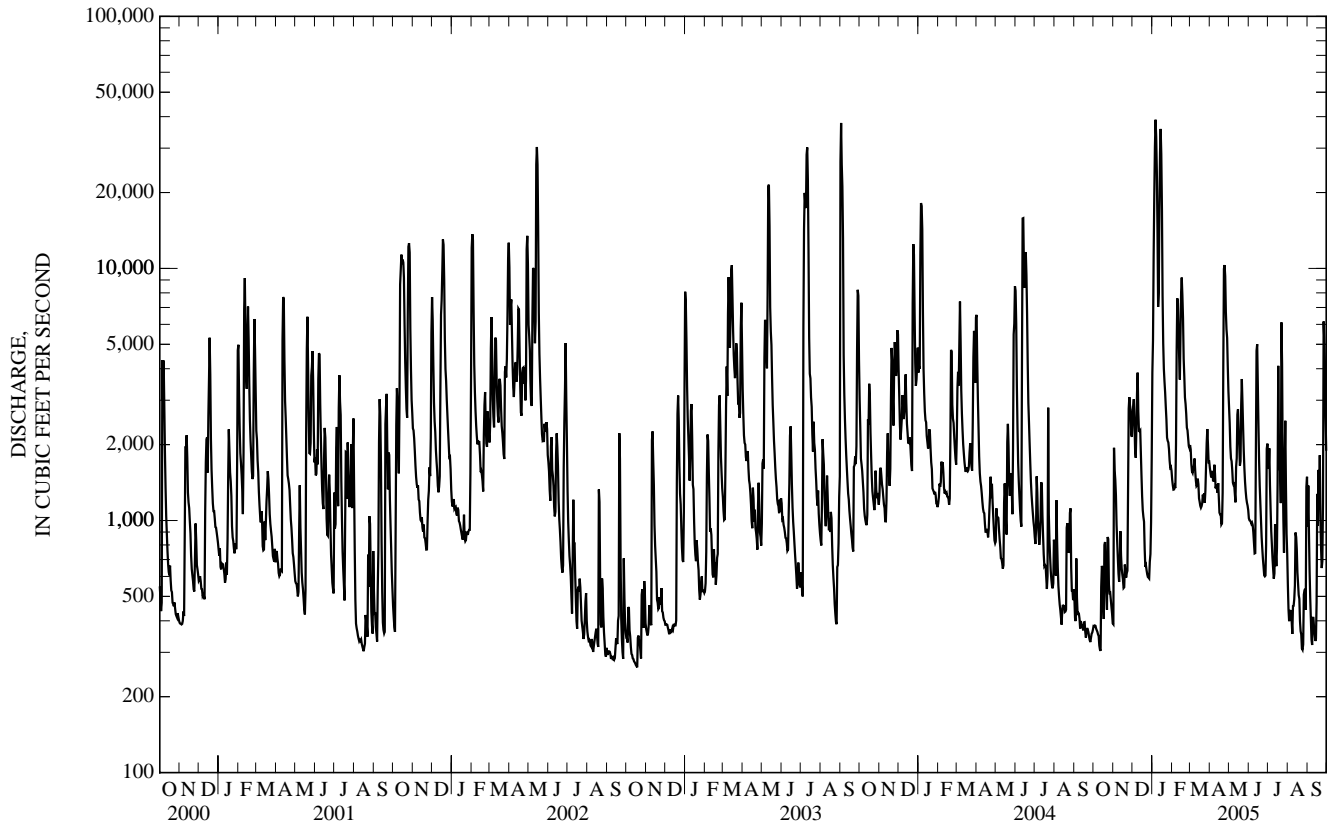
FOR 2005 WATER YEAR

WATER YEARS 1992 - 2005

ANNUAL TOTAL	669,298	914,032	
ANNUAL MEAN	1,829	2,504	2,041
HIGHEST ANNUAL MEAN			2,947
LOWEST ANNUAL MEAN			770
HIGHEST DAILY MEAN	18,200	Jan 5	38,900
LOWEST DAILY MEAN	304	Oct 12	304
ANNUAL SEVEN-DAY MINIMUM	337	Oct 6	337
MAXIMUM PEAK FLOW			41,300
MAXIMUM PEAK STAGE			13.83
ANNUAL RUNOFF (CFSM)	0.963		1.32
ANNUAL RUNOFF (INCHES)	13.12		17.91
10 PERCENT EXCEEDS	3,860		4,720
50 PERCENT EXCEEDS	1,100		1,330
90 PERCENT EXCEEDS	399		438
			310

e Estimated

03353611 WHITE RIVER AT STOUT GEN. STN. AT INDIANAPOLIS, IN—Continued



03353611 WHITE RIVER AT STOUT GEN. STN. AT INDIANAPOLIS, IN—Continued

WATER-QUALITY RECORDS

INSTRUMENTATION.--Temperature recorder.

PERIOD OF RECORD.--

WATER TEMPERATURE.-- September 1992 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 31.6°C, July 25, 1999; minimum, -0.1°C, Jan. 29, 1995.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 29.8°C, July 25 and 26; minimum, 0.5°C, Dec. 23.

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	21.8	20.6	21.2	19.5	17.9	18.9	10.3	7.6	8.7	7.8	5.2	6.3
2	21.9	20.7	21.2	19.1	16.1	17.4	8.8	7.2	8.0	6.2	5.2	5.5
3	21.0	20.0	20.6	16.1	15.3	15.6	8.6	6.8	8.0	8.3	5.8	6.9
4	20.5	19.3	19.9	15.5	14.3	14.8	8.9	7.0	8.0	6.1	4.3	5.0
5	20.1	18.8	19.4	14.6	13.1	13.6	9.8	7.4	9.0	6.1	5.1	5.6
6	19.9	18.7	19.3	13.2	12.5	12.8	9.9	8.6	9.2	5.1	4.2	4.8
7	19.9	18.5	19.3	13.9	12.7	13.2	11.3	9.8	10.8	4.2	3.3	3.7
8	20.1	18.9	19.6	13.6	12.9	13.4	10.2	8.2	9.2	3.3	2.9	3.1
9	20.6	19.4	20.0	13.8	12.9	13.2	9.3	7.7	8.4	4.6	3.0	3.7
10	19.9	18.8	19.4	13.3	12.6	13.0	10.0	9.1	9.5	5.2	4.6	5.0
11	19.6	18.3	18.9	15.2	12.4	13.5	9.7	8.5	9.0	5.9	5.2	5.6
12	19.4	18.0	18.7	13.1	10.7	11.3	8.7	7.9	8.3	5.6	4.5	4.7
13	20.0	17.3	18.0	11.9	11.0	11.4	8.2	6.8	7.3	7.0	5.0	6.2
14	17.3	16.5	16.9	12.1	10.7	11.2	7.1	5.8	6.6	6.5	5.8	6.1
15	18.0	15.3	16.5	11.3	10.5	10.8	6.8	5.4	6.2	5.8	4.8	5.3
16	15.7	14.9	15.2	12.2	10.6	11.3	7.0	4.7	5.8	4.8	3.6	4.2
17	15.6	14.3	15.0	12.5	11.2	11.8	7.7	4.3	6.2	4.0	3.2	3.5
18	16.4	13.2	14.6	14.2	12.2	12.8	7.9	4.4	6.2	3.3	2.1	2.7
19	13.9	12.5	13.1	14.6	12.8	13.4	7.6	3.9	6.4	4.3	2.2	3.3
20	14.3	13.4	13.7	13.4	12.8	13.1	4.1	1.4	2.3	4.3	3.5	3.8
21	15.7	14.1	14.8	13.4	12.9	13.2	2.4	1.1	1.6	3.7	2.8	3.3
22	17.2	15.0	15.8	14.4	13.1	13.5	2.2	0.9	1.4	3.8	2.9	3.4
23	17.3	15.8	16.4	13.9	13.3	13.6	1.8	0.5	1.0	3.3	1.6	2.6
24	16.4	15.4	15.7	15.8	10.5	13.9	2.9	1.3	2.0	4.1	1.2	2.3
25	17.4	15.6	16.3	10.5	9.2	9.8	2.4	1.4	1.8	5.3	2.3	3.5
26	18.8	16.2	17.3	9.9	8.7	9.5	3.2	1.5	2.4	5.3	4.0	4.7
27	18.9	16.9	17.5	11.2	8.8	9.8	2.9	1.2	2.1	4.2	2.8	3.5
28	18.6	16.6	17.7	9.5	8.1	8.9	2.7	0.8	1.7	2.9	1.8	2.3
29	20.2	17.8	18.9	10.2	9.0	9.8	7.5	1.3	2.6	4.0	2.3	3.1
30	20.2	19.0	19.4	10.9	9.1	10.0	7.2	1.3	3.4	5.4	3.2	4.1
31	19.3	18.2	18.7	---	---	---	7.5	5.8	6.8	4.3	3.3	3.8
MONTH	21.9	12.5	17.7	19.5	8.1	12.6	11.3	0.5	5.8	8.3	1.2	4.2

