Surface-Water Records—Scioto River Basin

03219500 Scioto River near Prospect, Ohio

LOCATION.—Latitude 40°25′10″, longitude 83°11′50″, Delaware County, Hydrologic Unit 05060001, on right bank at downstream side of Hoskins Bridge, 1.5 mi upstream from Ottawa Creek, 2 mi south of Prospect, Ohio, and 2.5 mi downstream from Patton Run.

DRAINAGE AREA.—567 mi^2.

Water-Discharge Records

PERIOD OF RECORD.—July 1925 to October 1932, October 1939 to current year. Published as "at Prospect" 1925-32. Gage-height records collected in this vicinity since 1915 are contained in reports of National Weather Service.

REVISED RECORDS.—WSP 1908: Drainage area.

GAGE.—Water-stage recorder. Datum of gage is 886.9 ft, National Geodetic Vertical Datum of 1912 (levels by U.S. Army Corps of Engineers). July 24, 1925-Oct. 31, 1932, nonrecording gage at site 2.5 mi upstream at datum 4.8 ft higher; Oct. 16-Dec. 5, 1939, nonrecording gage at present site and datum.

REMARKS.—Records fair except for periods of estimated record, which are poor. Water-quality data collected at this site (sediment data formerly collected). U.S. Army Corps of Engineers satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood of Mar. 25, 1913, reached a stage of 21.1 ft, discharge; 27,000 ft^3/s, computed by Franklin County Conservancy District, at site and datum used 1925-32.

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	25	39	762	3410	178	428	560	988	109	569	64	783
2	24	36	1250	5580	165	454	839	721	100	342	44	829
3	23	85	1320	6400	153	375	2010	571	94	181	33	499
4	23	274	850	6290	147	325	2460	453	89	121	27	229
5	23	634	533	6900	145	323	2290	369	86	94	40	121
6	21	704	388	8180	153	510	1200	314	90	111	59	e74
7	21	424	334	8000	236	776	679	283	92	80	41	52
8	21	251	457	8010	1500	973	531	260	82	60	38	e40
9	21	175	577	7190	2780	813	426	239	85	68	35	e33
10	20	129	566	5740	3950	509	355	223	80	56	29	e29
11	19	106	644	4680	3640	358	310	209	187	42	25	26
12	20	99	814	6480	2450	311	275	e191	682	35	21	24
13	21	95	786	6970	1410	269	252	171	380	32	20	20
14	22	87	583	7960	1160	235	229	179	213	33	22	18
15	25	80	400	7660	1330	207	208	205	149	36	24	17
16	37	75	304	6840	1560	188	189	281	125	38	23	30
17	35	72	269	5110	1660	181	171	e309	104	56	23	221
18	31	76	245	3230	1580	181	162	248	88	65	22	452
19	44	95	225	1810	1130	183	162	205	75	79	21	231
20	48	385	207	1060	699	198	160	204	65	88	20	124
21	46	788	e190	744	771	209	172	248	58	85	22	76
22	47	593	e180	598	1200	237	176	317	53	81	22	52
23	47	359	e175	458	1210	243	564	256	47	67	21	222
24	49	309	e170	434	842	280	1880	221	43	51	24	907
25	48	1040	e160	381	610	382	3310	198	41	40	25	740
26	44	1630	e155	370	487	724	4060	172	77	37	21	1020
27	46	2060	e150	301	386	1060	4130	150	109	56	19	1600
28	48	1490	e145	274	343	1310	3470	135	92	74	18	1720
29	46	803	e140	217	---	1420	2790	132	75	113	18	1510
30	44	596	e180	200	---	1280	1750	126	115	142	19	944
31	43	---	e1500	192	---	868	---	118	---	100	208	---
TOTAL	1032	13589	14659	121669	31875	15810	35770	8696	3685	3032	1048	12643
MEAN	33.3	453	473	3925	1138	510	1192	281	123	97.8	33.8	421
MAX	49	2060	1500	8180	3950	1420	4130	988	682	569	208	1720
MIN	19	36	140	192	145	181	160	118	41	32	18	17
CFSM	0.06	0.80	0.83	6.92	2.01	0.90	2.10	0.49	0.22	0.17	0.06	0.74
IN.	0.07	0.89	0.96	7.98	2.09	1.04	2.35	0.57	0.24	0.20	0.07	0.83

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1926-2005, BY WATER YEAR (WY)

MEAN	123	262	501	748	779	997	893	521	425	267	123	110
MAX	1643	2023	2451	3925	2166	3008	2771	1788	1915	2049	778	1651
(WY)	1927	1973	1991	2005	1975	1978	1957	1996	1947	1992	1995	1926
MIN	10.9	13.8	14.9	15.1	30.8	135	97.0	78.3	32.5	19.4	11.7	7.98
(WY)	1945	1931	1964	1945	1964	1941	1946	1955	1988	1952	1932	1941

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1926-2005		
ANNUAL TOTAL	255047		263508				
ANNUAL MEAN	697		722		477		
HIGHEST ANNUAL MEAN					853		2004
LOWEST ANNUAL MEAN					127		1954
HIGHEST DAILY MEAN	6760	Jun 16	8180	Jan 6	10000	Mar 22	1927
LOWEST DAILY MEAN	19	Oct 11	17	Sep 15	4.5	Sep 14	1953
ANNUAL SEVEN-DAY MINIMUM	20	Oct 6	20	Oct 6	5.9	Sep 25	1941
MAXIMUM PEAK FLOW			8310	Jan 6a	10100	Mar 22	1927
MAXIMUM PEAK STAGE			14.18	Jan 6	15.00	Mar 22	1927
INSTANTANEOUS LOW FLOW			17	Aug 29	3.5	Sep 13	1953
ANNUAL RUNOFF (CFSM)	1.23		1.27		0.84		
ANNUAL RUNOFF (INCHES)	16.73		17.29		11.44		
10 PERCENT EXCEEDS	2000		1640		1330		
50 PERCENT EXCEEDS	267		192		133		
90 PERCENT EXCEEDS	42		25		19		

a Peaks above base shown in table of peak discharges and stages at continuous-record surface-water-discharge stations.
e Estimated.

03219500 Scioto River near Prospect, Ohio—Continued

Water-Quality Records

PERIOD OF RECORD.—June 1998 to current year.
PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: June 1998 to current year.
pH: June 1998 to current year.
WATER TEMPERATURE: June 1998 to current year.
DISSOLVED OXYGEN: June 1998 to current year.
INSTRUMENTATION.—Water-quality monitor. Electronic data logger. Set for 1-hour interval. Satellite telemeter at station.
REMARKS.—Interruptions in the water-quality record are due to malfunction of the instrument except for Dec. 8-Mar. 30, when monitor was turned off for the winter. Specific conductance records are good except Oct. 6-18, May 12-25, June 3-20, and Aug. 3-17, which are fair, and Nov. 18-Dec. 8 and Sept 22-30, which are poor. pH records are good except Nov. 5-18, Mar. 30-Apr. 14, Apr. 27-June 3, July 6-19, and Aug. 3-17, which are fair. Water temperature records are good. Dissolved oxygen records are fair except Oct. 18-Nov. 5, Nov. 18-Dec. 8, Mar. 30-Apr. 14, May 12-June 3, June 30-July 6, and July 19-Sept. 30, which are poor.
EXTREMES FOR PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: Maximum, 1,830 microsiemens, Jan. 16, 1999; minimum, 227 microsiemens, June 16, 2004.
pH: Maximum, 9.4 units, Nov. 28, 1999; minimum, 6.9 units, Apr. 10, 29, May 3 and 16, 2000.
WATER TEMPERATURE: Maximum, 32.5°C, July 31, 1999; minimum, 0.0°C, on many days during winter.
DISSOLVED OXYGEN: Maximum, 19.5 mg/L, July 21, 2004; minimum, 0.6 mg/L, June 13, 2005.
EXTREMES FOR CURRENT YEAR.—
SPECIFIC CONDUCTANCE: Maximum, 961 microsiemens, Oct. 19; minimum, 327 microsiemens, June 12.
pH: Maximum, 8.7 units, Oct. 12; minimum, 7.0 units, July 1-2.
WATER TEMPERATURE: Maximum, 30.1°C, July 26; minimum, 4.7°C, Dec. 4-5 and Apr. 3.
DISSOLVED OXYGEN: Maximum, 18.9 mg/L, Oct. 12; minimum, 0.6 mg/L, June 13.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 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	828	798	815	902	887	893	871	810	842	---	---	---
2	830	814	826	906	894	902	823	672	744	---	---	---
3	832	821	828	920	902	909	706	655	672	---	---	---
4	833	822	829	921	764	851	807	706	754	---	---	---
5	839	829	835	797	647	747	908	807	858	---	---	---
6	857	837	848	664	528	593	935	908	927	---	---	---
7	866	849	859	632	533	601	930	828	890	---	---	---
8	869	852	863	666	632	647	---	---	---	---	---	---
9	884	867	877	710	666	686	---	---	---	---	---	---
10	898	877	890	741	710	726	---	---	---	---	---	---
11	904	874	892	765	741	756	---	---	---	---	---	---
12	901	860	885	798	765	781	---	---	---	---	---	---
13	899	856	882	831	798	812	---	---	---	---	---	---
14	883	854	871	844	831	837	---	---	---	---	---	---
15	893	868	876	852	840	846	---	---	---	---	---	---
16	913	893	901	843	834	837	---	---	---	---	---	---
17	938	913	924	857	841	848	---	---	---	---	---	---
18	957	938	945	893	857	872	---	---	---	---	---	---
19	961	936	953	918	893	903	---	---	---	---	---	---
20	936	897	909	925	848	905	---	---	---	---	---	---
21	917	877	904	848	701	773	---	---	---	---	---	---
22	890	849	864	742	702	720	---	---	---	---	---	---
23	906	855	890	783	742	761	---	---	---	---	---	---
24	872	853	858	825	783	805	---	---	---	---	---	---
25	907	872	889	825	637	708	---	---	---	---	---	---
26	915	905	910	650	471	528	---	---	---	---	---	---
27	915	906	912	546	464	488	---	---	---	---	---	---
28	937	910	923	683	546	626	---	---	---	---	---	---
29	939	912	930	785	683	733	---	---	---	---	---	---
30	912	889	895	843	785	821	---	---	---	---	---	---
31	890	884	887	---	---	---	---	---	---	---	---	---
MONTH	961	798	883	925	464	764	935	655	812	---	---	---

03219500 Scioto River near Prospect, Ohio—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—Continued

DAY	FEBUARY			MARCH			APRIL			MAY		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
1	---	---	---	---	---	---	650	575	616	619	552	591
2	---	---	---	---	---	---	657	419	578	651	619	635
3	---	---	---	---	---	---	440	369	413	686	651	669
4	---	---	---	---	---	---	369	335	347	703	686	694
5	---	---	---	---	---	---	442	351	389	723	703	717
6	---	---	---	---	---	---	540	442	499	743	720	732
7	---	---	---	---	---	---	628	540	590	754	741	748
8	---	---	---	---	---	---	675	628	652	753	743	749
9	---	---	---	---	---	---	702	672	686	750	739	742
10	---	---	---	---	---	---	725	702	713	747	734	742
11	---	---	---	---	---	---	735	725	731	757	741	747
12	---	---	---	---	---	---	738	725	732	756	743	750
13	---	---	---	---	---	---	754	731	742	751	740	747
14	---	---	---	---	---	---	761	741	751	754	739	747
15	---	---	---	---	---	---	771	755	762	772	748	757
16	---	---	---	---	---	---	774	763	770	772	741	751
17	---	---	---	---	---	---	788	766	779	772	737	761
18	---	---	---	---	---	---	784	767	777	737	714	723
19	---	---	---	---	---	---	788	780	784	735	683	709
20	---	---	---	---	---	---	790	776	785	722	682	696
21	---	---	---	---	---	---	785	772	776	750	720	735
22	---	---	---	---	---	---	785	769	779	754	735	746
23	---	---	---	---	---	---	785	533	696	751	707	730
24	---	---	---	---	---	---	533	396	469	729	715	721
25	---	---	---	---	---	---	396	363	378	736	714	725
26	---	---	---	---	---	---	370	361	364	743	725	732
27	---	---	---	---	---	---	401	369	383	759	741	748
28	---	---	---	---	---	---	415	401	412	780	755	771
29	---	---	---	---	---	---	467	412	429	796	770	784
30	---	---	---	---	---	---	552	467	517	805	786	795
31	---	---	---	575	496	532	---	---	---	795	782	790
MONTH	---	---	---	575	496	532	790	335	610	805	552	732

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
1	786	774	781	594	376	472	704	678	689	608	394	509
2	791	775	782	570	460	523	734	698	717	477	389	421
3	836	783	806	560	356	499	753	731	741	475	444	452
4	846	833	840	580	407	521	747	730	738	491	451	470
5	852	845	850	607	441	549	730	647	680	538	491	515
6	858	829	838	745	482	655	740	645	686	576	533	557
7	836	820	828	747	683	714	815	740	782	602	574	592
8	829	788	806	764	717	752	811	671	717	630	599	618
9	802	728	773	755	745	751	763	728	751	652	630	640
10	739	713	726	796	747	760	738	690	715	699	652	672
11	809	730	765	836	773	811	710	637	699	712	686	695
12	833	327	509	773	715	742	746	708	734	723	681	707
13	457	381	420	728	675	705	794	729	771	731	664	701
14	504	446	477	700	672	692	811	731	779	763	693	748
15	533	374	509	724	590	692	837	811	823	780	757	768
16	594	374	520	750	721	734	872	827	848	818	696	767
17	638	561	593	832	744	796	886	872	879	878	714	813
18	707	638	681	841	779	817	898	882	891	718	453	537
19	756	707	734	779	681	752	893	856	881	468	454	460
20	788	756	773	764	662	709	---	---	---	499	458	478
21	810	787	798	810	764	792	---	---	---	541	499	521
22	822	810	813	808	781	797	---	---	---	591	541	569
23	833	822	825	783	719	757	---	---	---	641	532	576
24	839	826	833	727	569	688	---	---	---	600	370	460
25	852	825	840	724	581	669	---	---	---	445	386	419
26	854	646	787	749	702	729	---	---	---	497	445	476
27	830	756	806	759	737	753	946	862	927	464	425	442
28	758	724	743	777	754	765	892	715	851	491	427	458
29	760	707	737	756	674	705	866	708	821	546	491	519
30	780	497	730	709	679	694	836	664	767	623	545	583
31	---	---	---	679	645	662	896	608	791	---	---	---
MONTH	858	327	731	841	356	699	946	608	778	878	370	571
YEAR	961	327	722									

03219500 Scioto River near Prospect, Ohio—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
1	8.3	7.6	7.8	7.8	7.6	7.7	7.7	7.6	7.7	---	---	---
2	8.1	7.6	7.8	7.8	7.6	7.7	7.6	7.6	7.6	---	---	---
3	8.2	7.6	7.8	7.7	7.7	7.7	7.6	7.5	7.6	---	---	---
4	8.2	7.6	7.8	7.7	7.6	7.6	7.6	7.5	7.6	---	---	---
5	8.2	7.6	7.8	7.8	7.7	7.7	7.7	7.6	7.7	---	---	---
6	8.3	7.5	7.8	7.7	7.6	7.7	7.7	7.7	7.7	---	---	---
7	8.3	7.6	7.9	7.7	7.6	7.7	7.8	7.7	7.7	---	---	---
8	8.4	7.6	8.0	7.7	7.6	7.7	7.8	7.8	7.8	---	---	---
9	8.4	7.6	8.0	7.7	7.6	7.6	---	---	---	---	---	---
10	8.4	7.7	8.0	7.7	7.6	7.7	---	---	---	---	---	---
11	8.5	7.8	8.1	7.7	7.7	7.7	---	---	---	---	---	---
12	8.7	7.8	8.2	7.8	7.7	7.7	---	---	---	---	---	---
13	8.4	7.8	8.1	7.9	7.7	7.8	---	---	---	---	---	---
14	8.4	7.7	8.1	7.9	7.7	7.7	---	---	---	---	---	---
15	8.1	7.7	7.9	7.8	7.7	7.7	---	---	---	---	---	---
16	7.9	7.6	7.7	7.8	7.6	7.7	---	---	---	---	---	---
17	8.0	7.5	7.7	7.8	7.7	7.7	---	---	---	---	---	---
18	7.9	7.5	7.8	7.8	7.6	7.7	---	---	---	---	---	---
19	8.0	7.7	7.7	7.7	7.6	7.6	---	---	---	---	---	---
20	8.0	7.7	7.7	7.7	7.6	7.6	---	---	---	---	---	---
21	7.8	7.7	7.7	7.7	7.6	7.7	---	---	---	---	---	---
22	7.9	7.6	7.7	7.6	7.6	7.6	---	---	---	---	---	---
23	7.7	7.6	7.6	7.6	7.6	7.6	---	---	---	---	---	---
24	7.9	7.6	7.7	7.7	7.6	7.6	---	---	---	---	---	---
25	7.9	7.6	7.7	7.7	7.4	7.5	---	---	---	---	---	---
26	7.9	7.6	7.7	7.5	7.4	7.4	---	---	---	---	---	---
27	7.8	7.6	7.7	7.4	7.4	7.4	---	---	---	---	---	---
28	7.8	7.6	7.6	7.5	7.4	7.5	---	---	---	---	---	---
29	7.7	7.6	7.6	7.6	7.5	7.5	---	---	---	---	---	---
30	7.9	7.6	7.7	7.7	7.6	7.7	---	---	---	---	---	---
31	8.0	7.7	7.7	---	---	---	---	---	---	---	---	---
MAX	8.7	7.8	8.2	7.9	7.7	7.8	7.8	7.8	7.8	---	---	---
MIN	7.7	7.5	7.6	7.4	7.4	7.4	7.6	7.5	7.6	---	---	---

DAY	FEBRUARY			MARCH			APRIL			MAY		
	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
1	---	---	---	---	---	---	7.9	7.7	7.7	8.0	7.8	7.9
2	---	---	---	---	---	---	8.2	7.7	7.9	8.0	7.9	8.0
3	---	---	---	---	---	---	7.7	7.7	7.7	8.1	8.0	8.0
4	---	---	---	---	---	---	7.7	7.7	7.7	8.1	8.0	8.0
5	---	---	---	---	---	---	7.7	7.6	7.7	8.0	7.9	8.0
6	---	---	---	---	---	---	7.9	7.7	7.8	8.0	7.9	7.9
7	---	---	---	---	---	---	7.9	7.8	7.9	8.1	7.9	8.0
8	---	---	---	---	---	---	8.0	7.9	7.9	8.3	8.0	8.1
9	---	---	---	---	---	---	8.0	7.9	8.0	8.4	8.0	8.1
10	---	---	---	---	---	---	8.1	7.9	8.0	8.2	8.0	8.1
11	---	---	---	---	---	---	8.1	8.0	8.1	8.2	7.8	8.0
12	---	---	---	---	---	---	8.2	8.1	8.1	7.9	7.7	7.8
13	---	---	---	---	---	---	8.3	8.1	8.1	7.9	7.6	7.8
14	---	---	---	---	---	---	8.2	8.1	8.1	7.8	7.6	7.7
15	---	---	---	---	---	---	8.2	8.0	8.1	7.8	7.6	7.7
16	---	---	---	---	---	---	8.3	8.0	8.1	7.8	7.6	7.7
17	---	---	---	---	---	---	8.3	8.0	8.1	8.1	7.7	7.8
18	---	---	---	---	---	---	8.3	8.0	8.1	7.9	7.7	7.8
19	---	---	---	---	---	---	8.4	8.0	8.2	7.7	7.6	7.7
20	---	---	---	---	---	---	8.5	7.6	8.2	7.7	7.6	7.7
21	---	---	---	---	---	---	8.4	8.0	8.2	7.9	7.6	7.8
22	---	---	---	---	---	---	8.2	8.0	8.1	7.9	7.8	7.9
23	---	---	---	---	---	---	8.0	7.7	8.0	7.9	7.8	7.8
24	---	---	---	---	---	---	7.7	7.7	7.7	7.8	7.8	7.8
25	---	---	---	---	---	---	7.7	7.6	7.7	7.8	7.8	7.8
26	---	---	---	---	---	---	7.7	7.6	7.7	8.0	7.8	7.8
27	---	---	---	---	---	---	7.7	7.6	7.6	8.0	7.9	8.0
28	---	---	---	---	---	---	7.8	7.7	7.8	8.0	7.9	8.0
29	---	---	---	---	---	---	7.8	7.8	7.8	8.1	7.9	8.1
30	---	---	---	---	---	---	7.9	7.8	7.8	8.1	8.0	8.0
31	---	---	---	7.7	7.5	7.6	---	---	---	8.3	8.0	8.2
MAX	---	---	---	7.7	7.5	7.6	8.5	8.1	8.2	8.4	8.0	8.2
MIN	---	---	---	7.7	7.5	7.6	7.7	7.6	7.6	7.7	7.6	7.7

03219500 Scioto River near Prospect, Ohio—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—Continued

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
1	8.3	7.8	8.1	7.2	7.0	7.1	7.7	7.5	7.6	7.6	7.4	7.5
2	8.1	7.7	7.9	7.2	7.0	7.1	7.8	7.6	7.6	8.0	7.4	7.5
3	8.1	7.4	7.8	7.2	7.1	7.2	7.9	7.6	7.7	7.5	7.4	7.5
4	8.0	7.4	7.8	7.3	7.2	7.2	7.9	7.6	7.7	7.5	7.4	7.5
5	7.9	7.3	7.8	7.4	7.2	7.3	7.8	7.6	7.7	7.5	7.4	7.5
6	8.3	7.8	7.9	7.5	7.4	7.4	7.7	7.6	7.7	8.0	7.4	7.6
7	8.0	7.8	7.9	7.5	7.4	7.4	7.8	7.6	7.6	7.9	7.5	7.7
8	8.0	7.7	7.8	7.8	7.4	7.7	7.9	7.5	7.7	7.8	7.7	7.7
9	8.0	7.6	7.8	7.9	7.6	7.7	8.2	7.6	7.8	7.8	7.7	7.8
10	7.9	7.7	7.8	8.1	7.6	7.8	8.3	7.7	7.9	7.9	7.7	7.7
11	7.9	7.7	7.8	8.1	7.6	7.8	8.4	7.6	7.9	8.0	7.9	7.9
12	7.9	7.1	7.4	8.2	7.7	7.9	8.6	7.9	8.1	8.4	7.9	8.0
13	7.3	7.2	7.3	8.4	7.7	8.0	8.5	7.9	8.2	8.3	7.7	7.9
14	7.4	7.3	7.3	8.3	7.8	7.9	8.4	7.9	8.1	8.0	7.7	7.8
15	7.6	7.4	7.5	8.3	7.7	8.0	8.4	8.0	8.1	8.0	7.8	7.9
16	7.8	7.5	7.7	8.4	7.8	8.0	8.1	7.9	8.0	7.9	7.6	7.9
17	7.9	7.8	7.9	7.9	7.7	7.9	8.2	7.9	8.0	---	---	---
18	8.0	7.9	7.9	7.8	7.7	7.7	8.3	7.8	8.0	---	---	---
19	8.1	7.8	8.0	7.7	7.6	7.7	8.4	7.8	8.0	---	---	---
20	8.0	7.6	7.9	7.9	7.5	7.7	8.4	7.9	8.1	---	---	---
21	7.9	7.6	7.7	7.7	7.6	7.7	8.6	7.9	8.2	---	---	---
22	8.1	7.6	7.9	7.7	7.6	7.6	8.6	8.2	8.4	7.9	7.7	7.9
23	8.2	7.7	7.9	8.0	7.6	7.7	8.6	8.2	8.3	7.9	7.7	7.7
24	8.2	7.8	8.0	8.5	7.8	8.1	8.2	7.9	8.0	7.7	7.4	7.5
25	8.3	7.8	8.0	8.4	7.9	8.1	8.1	7.8	7.9	7.5	7.4	7.5
26	8.0	7.6	7.8	8.5	7.8	8.1	8.2	7.6	8.0	7.6	7.5	7.5
27	7.9	7.5	7.8	8.2	7.9	8.0	8.1	7.7	7.9	7.5	7.4	7.5
28	7.7	7.4	7.5	7.9	7.6	7.8	8.1	7.8	7.9	7.5	7.5	7.5
29	8.0	7.5	7.7	7.6	7.4	7.5	8.1	7.8	7.9	7.5	7.5	7.5
30	7.9	7.2	7.7	7.6	7.5	7.6	8.1	7.8	8.0	7.6	7.5	7.6
31	---	---	---	7.6	7.5	7.6	8.0	7.6	7.8	---	---	---
MAX	8.3	7.9	8.1	8.5	7.9	8.1	8.6	8.2	8.4	8.4	7.9	8.0
MIN	7.3	7.1	7.3	7.2	7.0	7.1	7.7	7.5	7.6	7.5	7.4	7.5

YEAR	MAX	MIN	MEDIAN
	MAXIMUM 8.7 MINIMUM 7.2	MAXIMUM 8.2 MINIMUM 7.0	MAXIMUM 8.4 MINIMUM 7.1

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	19.6	13.5	16.6	13.8	11.9	12.8	7.0	6.4	6.7	---	---	---
2	17.9	15.2	16.9	15.0	13.0	13.9	6.6	6.1	6.4	---	---	---
3	17.4	12.2	14.9	13.2	11.7	12.5	6.1	5.3	5.7	---	---	---
4	17.2	12.9	14.7	12.8	11.6	12.1	5.3	4.7	5.0	---	---	---
5	16.1	11.0	13.6	11.6	10.4	11.0	5.8	4.7	5.2	---	---	---
6	16.5	10.7	13.9	10.5	9.7	10.1	7.0	5.8	6.4	---	---	---
7	16.5	11.3	13.9	10.8	9.6	10.2	9.3	7.0	8.3	---	---	---
8	17.4	11.9	14.7	10.4	8.7	9.5	---	---	---	---	---	---
9	18.2	14.7	16.1	8.7	7.6	8.2	---	---	---	---	---	---
10	17.3	12.1	14.7	8.7	6.8	7.7	---	---	---	---	---	---
11	16.3	11.7	14.2	8.1	7.4	7.8	---	---	---	---	---	---
12	16.6	11.2	13.9	9.6	6.7	7.7	---	---	---	---	---	---
13	14.4	13.0	13.5	8.6	5.7	6.7	---	---	---	---	---	---
14	15.1	13.0	14.1	8.4	5.0	6.2	---	---	---	---	---	---
15	14.2	12.1	13.2	6.9	4.8	5.8	---	---	---	---	---	---
16	12.1	10.1	11.3	7.6	5.6	6.6	---	---	---	---	---	---
17	12.5	8.6	10.2	8.0	7.0	7.5	---	---	---	---	---	---
18	9.8	8.3	8.8	9.7	8.0	8.9	---	---	---	---	---	---
19	11.0	9.2	10	10.7	9.3	10.0	---	---	---	---	---	---
20	12.7	10.5	11.4	11.8	10.5	11.2	---	---	---	---	---	---
21	12.3	11.3	11.7	12.1	11.4	11.8	---	---	---	---	---	---
22	14.4	10.0	11.8	11.4	10.5	10.9	---	---	---	---	---	---
23	13.2	10.9	12.1	10.6	10.2	10.4	---	---	---	---	---	---
24	16.1	12.4	13.8	10.5	9.8	10.3	---	---	---	---	---	---
25	16.3	11.7	13.4	9.8	7.7	8.8	---	---	---	---	---	---
26	15.5	11.4	13.2	7.7	5.3	6.5	---	---	---	---	---	---
27	16.7	13.2	14.4	5.9	5.1	5.4	---	---	---	---	---	---
28	17.0	13.1	14.5	6.4	5.9	6.2	---	---	---	---	---	---
29	16.6	13.9	15.1	6.3	6.0	6.2	---	---	---	---	---	---
30	18.8	14.9	16.5	6.6	6.3	6.4	---	---	---	---	---	---
31	16.3	12.8	14.4	---	---	---	---	---	---	---	---	---
MONTH	19.6	8.3	13.6	15.0	4.8	9.0	9.3	4.7	6.2	---	---	---

03219500 Scioto River near Prospect, Ohio—Continued

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

DAY	FEBRUARY			MARCH			APRIL			MAY		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
1	---	---	---	---	---	---	10.9	10.2	10.5	11.9	10.1	11.0
2	---	---	---	---	---	---	10.3	5.1	8.0	11.7	10.4	11.0
3	---	---	---	---	---	---	6.0	4.7	5.3	11.5	10.3	10.9
4	---	---	---	---	---	---	8.5	5.7	6.9	14.0	10.7	12.3
5	---	---	---	---	---	---	11.1	8.4	9.4	15.7	12.2	13.9
6	---	---	---	---	---	---	13.1	10.9	11.9	17.5	13.8	15.8
7	---	---	---	---	---	---	13.2	12.4	12.7	18.3	14.7	16.5
8	---	---	---	---	---	---	13.7	12.0	12.8	18.9	15.3	17.3
9	---	---	---	---	---	---	15.1	12.3	13.6	19.2	15.8	17.6
10	---	---	---	---	---	---	16.1	13.1	14.6	20.6	17.5	19.1
11	---	---	---	---	---	---	17.0	13.8	15.4	21.4	18.6	20.1
12	---	---	---	---	---	---	15.7	14.0	14.6	20.2	16.1	17.8
13	---	---	---	---	---	---	15.4	12.7	14.0	19.0	14.9	16.9
14	---	---	---	---	---	---	14.7	11.9	13.3	17.8	16.4	17.2
15	---	---	---	---	---	---	14.8	11.1	13.1	16.6	15.2	16.0
16	---	---	---	---	---	---	15.3	11.7	13.7	15.7	14.2	14.9
17	---	---	---	---	---	---	14.7	12.4	13.9	16.2	13.5	14.9
18	---	---	---	---	---	---	16.7	13.4	15.0	16.8	14.2	15.7
19	---	---	---	---	---	---	18.3	14.8	16.6	16.2	15.1	15.7
20	---	---	---	---	---	---	18.4	16.0	17.3	16.0	15.0	15.5
21	---	---	---	---	---	---	17.7	15.3	16.2	17.6	14.4	16.2
22	---	---	---	---	---	---	16.0	14.0	14.6	16.9	15.6	16.4
23	---	---	---	---	---	---	14.0	9.4	11.7	17.2	15.3	16.2
24	---	---	---	---	---	---	9.4	6.0	7.7	16.4	15.0	15.6
25	---	---	---	---	---	---	7.3	5.2	6.0	17.2	14.1	15.7
26	---	---	---	---	---	---	9.8	7.3	8.4	18.5	14.8	16.8
27	---	---	---	---	---	---	9.8	8.7	9.2	18.9	16.3	17.6
28	---	---	---	---	---	---	10.0	8.7	9.2	19.1	16.7	17.8
29	---	---	---	---	---	---	11.2	10.0	10.5	19.3	16.5	17.9
30	---	---	---	---	---	---	11.2	10.8	11.0	19.7	17.6	18.6
31	---	---	---	11.4	9.3	10.4	---	---	---	21.4	17.4	19.1
MONTH	---	---	---	11.4	9.3	10.4	18.4	4.7	11.9	21.4	10.1	16.1

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
1	21.2	18.4	19.7	23.5	22.3	22.9	27.6	23.4	25.4	22.0	21.0	21.6
2	20.4	19.1	19.6	23.2	21.9	22.6	29.1	23.4	26.1	21.8	20.8	21.4
3	22.0	18.7	19.9	24.0	21.4	22.8	29.0	24.1	26.6	21.8	20.5	21.2
4	23.6	20.0	21.5	25.3	22.8	24.1	28.5	24.5	26.6	22.3	20.2	21.2
5	25.3	21.1	22.9	24.6	23.6	24.2	27.2	24.1	25.3	22.7	19.7	21.2
6	25.3	22.0	23.6	25.5	22.7	24.0	25.7	23.9	24.7	23.1	20.0	21.5
7	26.1	22.7	24.3	25.5	23.0	24.2	28.1	22.5	25.1	23.9	20.0	21.8
8	26.6	23.7	25.0	26.5	22.5	24.4	28.4	23.5	25.8	23.7	20.1	21.9
9	26.7	23.5	25.0	25.8	22.7	24.3	28.6	23.3	25.9	25.1	20.6	22.6
10	26.9	24.5	25.6	27.1	22.2	24.6	27.7	23.7	25.8	26.2	20.4	22.9
11	25.5	24.2	24.9	26.9	22.5	24.7	28.0	24.1	26.1	25.6	19.6	22.4
12	24.6	22.5	23.2	27.9	24.1	25.7	29.2	24.6	26.8	25.3	19.6	22.5
13	24.0	22.5	23.2	26.3	24.1	25.3	29.2	25.4	27.1	25.4	20.1	22.6
14	25.0	23.1	24.1	25.8	23.9	24.7	27.1	24.9	25.5	23.8	20.1	22.1
15	23.9	22.2	22.8	27.2	23.5	25.3	25.1	22.6	23.9	24.2	19.9	22.1
16	22.2	20.6	21.4	27.7	24.4	25.9	26.1	22.1	23.9	23.2	20.3	21.8
17	22.5	19.7	21.0	26.8	24.8	25.7	27.0	21.9	24.7	21.0	20.3	20.6
18	22.0	20.1	20.8	27.9	25.0	26.3	26.7	22.6	24.9	20.7	19.6	20.2
19	22.7	19.4	21.0	27.8	25.4	26.5	28.0	24.0	26.0	20.2	19.3	19.8
20	23.0	19.3	21.2	27.6	24.8	26.3	27.5	24.3	26.1	20.5	19.5	20.0
21	24.2	19.8	22.0	28.2	25.6	26.8	28.0	24.4	26.3	22.5	18.9	20.4
22	26.1	21.5	23.5	28.1	25.8	26.8	26.0	22.5	24.5	23.2	19.1	21.1
23	26.4	20.4	23.3	28.6	25.2	26.9	24.4	21.1	22.8	21.2	20.1	20.5
24	27.1	21.3	24.1	28.4	25.5	26.8	24.6	19.9	22.5	20.1	19.4	19.5
25	27.1	22.9	24.9	29.2	26.0	27.3	25.1	20.1	22.7	19.8	19.1	19.4
26	25.4	22.6	24.3	30.1	25.3	27.4	24.7	22.4	23.6	19.9	19.3	19.5
27	26.8	24.0	25.3	27.7	24.1	25.5	25.3	23.0	23.9	19.9	19.2	19.6
28	27.1	24.9	25.7	25.8	23.0	24.2	26.2	20.9	23.6	19.2	18.4	18.9
29	26.7	24.0	25.3	25.0	22.7	23.8	24.4	22.2	23.3	18.8	17.5	18.3
30	26.9	23.0	24.9	24.9	22.6	23.9	23.2	22.2	22.5	17.5	16.4	16.9
31	---	---	---	25.8	22.7	24.4	22.4	21.4	21.9	---	---	---
MONTH	27.1	18.4	23.1	30.1	21.4	25.1	29.2	19.9	24.8	26.2	16.4	20.9
YEAR	30.1	4.7	17.7									

03219500 Scioto River near Prospect, Ohio—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
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	15.2	6.8	10.2	7.3	3.7	5.0	11.8	11.4	11.6	---	---	---
2	12.2	6.3	8.7	5.4	3.4	4.2	11.5	11.3	11.4	---	---	---
3	14.2	6.8	9.8	5.3	3.6	4.1	11.7	11.3	11.5	---	---	---
4	14.3	6.8	10	5.6	3.8	4.4	12.1	11.6	11.9	---	---	---
5	15.1	7.5	10.5	7.1	5.6	6.7	12.4	12.1	12.3	---	---	---
6	14.1	7.1	10.1	7.9	7.1	7.7	12.4	12.0	12.2	---	---	---
7	15.1	6.9	10.6	8.1	7.9	8.0	12.2	10.9	11.4	---	---	---
8	15.6	6.7	11.0	8.4	8.1	8.3	11.6	10.9	11.2	---	---	---
9	15.5	6.2	10.5	9.0	8.4	8.7	---	---	---	---	---	---
10	15.8	6.9	11.0	9.8	8.7	9.2	---	---	---	---	---	---
11	17.1	7.6	12.1	9.6	9.0	9.3	---	---	---	---	---	---
12	18.9	8.2	13.1	10.6	9.3	9.7	---	---	---	---	---	---
13	15.4	7.6	11.1	11.0	9.5	10.1	---	---	---	---	---	---
14	15.6	7.3	11.1	11.2	9.5	10.2	---	---	---	---	---	---
15	13.1	6.9	9.5	11.7	9.7	10.4	---	---	---	---	---	---
16	11.7	6.5	8.7	12.1	9.7	10.6	---	---	---	---	---	---
17	14.3	7.2	9.7	10.8	9.4	9.9	---	---	---	---	---	---
18	10.0	6.7	8.2	11.1	8.9	9.8	---	---	---	---	---	---
19	10.9	7.0	8.5	10.2	8.2	9.0	---	---	---	---	---	---
20	10.7	6.5	8.0	8.6	8.2	8.3	---	---	---	---	---	---
21	8.6	6.1	7.0	8.6	8.4	8.5	---	---	---	---	---	---
22	9.8	5.8	7.2	9.1	8.5	8.9	---	---	---	---	---	---
23	7.6	5.3	6.2	9.3	9.1	9.2	---	---	---	---	---	---
24	8.7	4.8	6.1	9.7	9.3	9.4	---	---	---	---	---	---
25	9.5	4.9	6.3	9.8	9.0	9.5	---	---	---	---	---	---
26	9.5	4.5	6.1	10.7	9.7	10.2	---	---	---	---	---	---
27	8.3	4.0	5.3	11.1	10.9	11.0	---	---	---	---	---	---
28	8.5	3.7	5.1	11.0	10.7	10.8	---	---	---	---	---	---
29	5.3	3.2	3.9	11.4	10.8	11.0	---	---	---	---	---	---
30	7.3	3.0	4.6	11.7	11.4	11.6	---	---	---	---	---	---
31	9.1	4.0	5.6	---	---	---	---	---	---	---	---	---
MONTH	18.9	3.0	8.6	12.1	3.4	8.8	12.4	10.9	11.7	---	---	---

DAY	FEBRUARY			MARCH			APRIL			MAY		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
1	---	---	---	---	---	---	11.1	10.1	10.2	11.5	9.7	10.5
2	---	---	---	---	---	---	11.6	10.3	11.1	11.5	10.3	10.7
3	---	---	---	---	---	---	11.3	10.8	11.1	11.6	10.8	11.0
4	---	---	---	---	---	---	11.3	10.5	10.9	12.5	11.4	12.0
5	---	---	---	---	---	---	10.5	9.9	10.2	12.2	11.1	11.8
6	---	---	---	---	---	---	10.0	9.7	9.8	11.5	10.2	11.0
7	---	---	---	---	---	---	9.7	9.4	9.5	11.4	9.2	10.7
8	---	---	---	---	---	---	10.1	9.4	9.7	---	---	---
9	---	---	---	---	---	---	10.7	10.0	10.4	---	---	---
10	---	---	---	---	---	---	10.6	9.8	10.2	---	---	---
11	---	---	---	---	---	---	10.7	9.8	10.2	---	---	---
12	---	---	---	---	---	---	10.8	9.7	10.2	---	---	---
13	---	---	---	---	---	---	11.1	9.8	10.3	9.4	8.0	8.6
14	---	---	---	---	---	---	11.3	10.0	10.4	8.6	7.7	8.1
15	---	---	---	---	---	---	11.8	10.1	10.7	9.0	7.9	8.4
16	---	---	---	---	---	---	12.1	10.2	10.9	8.8	7.8	8.3
17	---	---	---	---	---	---	12.1	10.1	10.9	9.4	8.5	8.9
18	---	---	---	---	---	---	12.1	9.8	10.8	9.0	8.2	8.6
19	---	---	---	---	---	---	12.6	9.8	10.9	8.3	8.0	8.2
20	---	---	---	---	---	---	11.7	9.3	10.4	8.6	7.9	8.1
21	---	---	---	---	---	---	12.5	9.3	11.0	8.3	7.8	8.1
22	---	---	---	---	---	---	10.9	9.9	10.3	8.5	7.9	8.2
23	---	---	---	---	---	---	11.7	9.8	10.3	8.2	7.5	7.9
24	---	---	---	---	---	---	11.5	10.0	10.7	8.5	7.8	8.2
25	---	---	---	---	---	---	11.9	11.5	11.8	9.0	8.3	8.6
26	---	---	---	---	---	---	11.7	9.7	10.9	8.7	8.3	8.4
27	---	---	---	---	---	---	10.5	9.7	10.1	9.0	8.2	8.6
28	---	---	---	---	---	---	10.5	10.2	10.3	8.8	8.1	8.4
29	---	---	---	---	---	---	10.2	9.7	10	8.9	8.1	8.5
30	---	---	---	---	---	---	10.0	9.6	9.8	9.0	7.8	8.3
31	---	---	---	10.4	10.1	10.2	---	---	---	9.2	7.7	8.3
MONTH	---	---	---	10.4	10.1	10.2	12.6	9.3	10.5	12.5	7.5	9.1

03219500 Scioto River near Prospect, Ohio—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—Continued

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
1	9.9	8.1	8.9	4.8	1.6	3.0	7.0	5.3	5.9	5.6	4.4	5.1
2	10.1	8.1	8.9	6.1	3.9	5.1	8.1	5.0	6.1	6.4	5.6	6.0
3	10.0	7.9	8.8	5.9	4.2	5.3	8.5	4.6	6.2	6.4	6.0	6.2
4	9.9	8.2	9.0	5.9	4.2	5.2	9.3	4.8	6.7	6.0	5.5	5.8
5	12.4	7.2	9.5	6.3	4.8	5.5	7.5	5.2	6.5	6.2	5.5	5.9
6	10.8	7.1	9.0	6.2	5.4	5.9	7.3	5.6	6.3	6.2	4.9	5.7
7	8.6	6.5	7.7	6.8	5.1	5.8	8.0	5.4	6.4	6.3	4.8	5.6
8	7.9	6.0	6.8	9.1	5.4	7.1	8.2	4.6	6.2	6.2	5.3	5.7
9	8.1	5.6	6.6	9.5	6.2	7.8	12.4	5.0	7.9	7.2	5.0	5.9
10	7.2	5.4	6.2	10.3	6.2	8.1	13.6	5.4	9.1	8.4	4.9	6.7
11	6.7	4.8	5.7	10.2	5.4	7.7	14.7	3.7	9.0	9.4	3.5	6.8
12	5.2	0.9	2.8	11.0	5.7	8.3	13.7	4.6	9.2	9.2	4.2	7.0
13	2.4	0.6	1.5	12.1	5.3	8.6	10.2	3.4	6.8	9.1	2.0	5.4
14	2.5	1.7	2.1	14.1	5.0	7.9	6.4	2.1	4.1	9.2	4.9	6.9
15	5.4	2.5	4.2	14.1	4.3	8.8	9.0	1.4	4.2	10.0	3.9	7.5
16	6.8	5.1	6.0	12.5	4.7	8.5	7.3	4.2	5.5	8.1	6.0	7.0
17	5.7	4.9	5.3	---	---	---	10.7	3.9	6.9	6.4	5.3	6.1
18	6.0	5.0	5.5	---	---	---	11.8	4.6	8.0	6.4	5.7	5.9
19	7.2	5.5	6.2	---	---	---	13.3	5.3	8.8	6.2	5.9	6.1
20	7.5	5.6	6.5	6.9	4.9	5.7	11.6	5.8	8.5	6.4	5.9	6.2
21	8.8	5.7	7.2	6.5	4.7	5.6	13.6	6.7	9.3	6.8	5.9	6.2
22	11.4	5.8	8.3	6.5	4.7	5.4	13.0	7.4	9.9	6.6	5.4	6.1
23	11.8	6.6	8.9	9.5	4.8	6.8	11.1	7.8	9.4	6.9	5.4	6.1
24	13.1	6.9	9.3	13.9	6.6	9.8	9.1	6.6	7.4	5.6	3.8	4.6
25	13.4	6.4	9.4	15.0	5.9	9.4	9.1	6.1	7.3	5.2	4.1	4.7
26	9.6	6.4	7.5	15.8	5.4	9.8	9.5	5.2	7.3	5.7	4.7	5.3
27	9.5	6.0	7.8	9.7	5.2	7.2	8.5	4.9	6.6	4.7	4.2	4.4
28	8.1	5.3	6.4	9.5	5.5	7.2	9.3	6.1	7.5	4.7	4.1	4.3
29	9.7	5.6	7.4	5.9	4.2	5.0	9.1	5.7	7.3	4.7	4.2	4.6
30	7.7	4.7	5.8	6.3	4.7	5.4	8.3	5.7	7.2	5.7	4.5	5.2
31	---	---	---	6.6	5.3	5.8	7.1	5.2	6.1	---	---	---
MONTH	13.4	0.6	6.8	15.8	1.6	6.8	14.7	1.4	7.2	10.0	2.0	5.8
YEAR	18.9	0.6	8.1									

03220000 Mill Creek near Bellepoint, Ohio

LOCATION.—Latitude 40°14′54″, longitude 83°10′26″, Delaware County, Hydrologic Unit 05060001, on left bank at downstream side of county road bridge, 1.2 mi west of Bellepoint, Ohio, 1.5 mi upstream from mouth, and 2.3 mi downstream from Blues Creek.

DRAINAGE AREA.—178 mi^2.

PERIOD OF RECORD.—October 1942 to current year. Monthly discharge only for some periods, published in WSP 1305.

REVISED RECORDS.—WSP 1908: Drainage area.

GAGE.—Water-stage recorder. Datum of gage is 865.14 ft, National Geodetic Vertical Datum of 1912 (levels by students of The Ohio State University, City of Columbus bench mark). Prior to Jan. 1, 1948, nonrecording gage at same site and datum.

REMARKS.—Records good except for periods of estimated record, which are poor. Water-quality data formerly collected at this site. U.S. Army Corps of Engineers satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.—A stage of 18 ft occurred in Mar. 1913.

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	23	29	250	e1200	71	257	e270	175	31	71	e6.8	e700
2	14	27	354	867	71	200	724	121	28	45	e6.2	142
3	11	34	160	1060	69	134	2740	92	25	27	e5.6	60
4	8.5	46	95	1820	69	118	761	77	26	21	e5.1	35
5	6.6	42	68	2620	69	134	264	68	27	17	e4.7	23
6	6.4	42	56	4820	69	368	162	61	30	e13	e4.4	16
7	6.7	44	62	1850	173	512	122	58	30	e11	e11	11
8	6.8	30	117	481	1700	337	108	56	66	e9.0	e14	11
9	6.2	22	138	387	1730	173	87	48	107	e8.3	e12	8.2
10	7.2	18	131	94	907	116	76	45	40	e7.7	e10	7.6
11	6.8	18	139	441	372	96	65	43	30	e7.4	e8.2	8.0
12	5.8	21	136	3350	202	96	59	40	97	e7.0	e6.8	5.5
13	6.1	30	107	2970	175	91	57	38	55	e7.4	e5.7	5.0
14	8.8	25	77	1420	228	82	53	89	37	e8.2	e4.8	4.6
15	11	18	59	e850	396	71	48	98	31	e12	e5.2	4.9
16	17	16	52	e460	359	64	44	92	27	e15	e7.0	16
17	20	18	44	e280	566	61	40	66	21	e20	e9.5	186
18	16	48	42	e190	266	60	35	50	21	e18	e12	113
19	35	61	41	135	154	61	34	46	19	e16	e14	48
20	37	76	55	e110	126	80	36	321	16	e15	e9.0	28
21	22	66	e35	e105	298	82	51	255	14	e13	e10	21
22	16	52	e32	e100	367	72	68	107	13	e12	e7.0	15
23	17	42	e29	e96	194	61	1230	72	12	e11	e5.5	873
24	27	45	e26	e92	136	e300	2470	61	12	e9.5	e4.5	863
25	42	172	e25	e88	112	e270	1680	52	12	e8.5	e4.0	606
26	25	278	e23	e86	98	e590	753	45	12	e7.5	e3.6	956
27	17	115	e22	e82	88	e500	1330	40	9.2	e7.4	e5.0	1350
28	14	95	e21	e78	93	e1000	572	40	8.0	e12	e9.0	296
29	15	84	e21	e76	---	e3200	238	51	12	e10	e30	127
30	19	82	e22	74	---	e500	237	41	130	e9.2	e100	122
31	35	---	e60	71	---	e300	---	35	---	e7.8	e400	---
TOTAL	508.9	1696	2499	26353	9158	9986	14414	2483	998.2	463.9	740.6	6661.8
MEAN	16.4	56.5	80.6	850	327	322	480	80.1	33.3	15.0	23.9	222
MAX	42	278	354	4820	1730	3200	2740	321	130	71	400	1350
MIN	5.8	16	21	71	69	60	34	35	8.0	7.0	3.6	4.6
CFSM	0.09	0.32	0.45	4.78	1.84	1.81	2.70	0.45	0.19	0.08	0.13	1.25
IN.	0.11	0.35	0.52	5.51	1.91	2.09	3.01	0.52	0.21	0.10	0.15	1.39

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

MEAN	30.6	99.3	175	261	280	327	297	188	153	80.1	39.2	34.8
MAX	449	553	1130	1227	768	963	874	746	734	769	332	416
(WY)	1987	1973	1991	1950	1975	1978	1972	1996	1997	1992	1979	2003
MIN	0.90	1.99	2.17	3.82	8.09	36.1	29.6	10.5	5.19	1.33	1.75	1.00
(WY)	1954	1964	1964	1977	1964	1983	1971	1955	1988	1944	1965	1944

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1944-2005		
ANNUAL TOTAL	75420.7		75962.4				
ANNUAL MEAN	206		208		163		
HIGHEST ANNUAL MEAN					283		2003
LOWEST ANNUAL MEAN					51.4		1954
HIGHEST DAILY MEAN	5040	Jan 5	4820	Jan 6	12600	Jan 22	1959
LOWEST DAILY MEAN	4.6	Aug 18	3.6	Aug 26	0.00	Sep 25	1944
ANNUAL SEVEN-DAY MINIMUM	5.6	Aug 12	5.5	Aug 22	0.13	Sep 21	1944
MAXIMUM PEAK FLOW			5440	Jan 6a	21800	Jun 2	1997
MAXIMUM PEAK STAGE			8.96	Jan 6	14.45	Jun 2	1997
INSTANTANEOUS LOW FLOW					0.00	Sep 25	1977
ANNUAL RUNOFF (CFSM)	1.16		1.17		0.92		
ANNUAL RUNOFF (INCHES)	15.76		15.88		12.45		
10 PERCENT EXCEEDS	403		489		367		
50 PERCENT EXCEEDS	52		50		30		
90 PERCENT EXCEEDS	10		7.7		4.2		

a Peaks above base shown in table of peak discharges and stages at continuous-record surface-water-discharge stations.
e Estimated.

03220510 Scioto River at O'Shaughnessy Dam, Ohio

LOCATION.—Latitude 40°09′14″, longitude 83°07′33″, Delaware County, Hydrologic Unit 05060001, 200 ft downstream from dam.
DRAINAGE AREA.—979 mi^2.

Water-Quality Records

PERIOD OF RECORD.—June 1998 to current year.
PERIOD OF DAILY RECORD—
SPECIFIC CONDUCTANCE: June 1998 to current year.
pH: June 1998 to current year.
WATER TEMPERATURE: June 1998 to current year.
DISSOLVED OXYGEN: June 1998 to current year.
INSTRUMENTATION.—Water-quality monitor. Electronic data logger. Set for 1-hour interval. Satellite telemeter at station.
REMARKS.—Interruptions in the water-quality record are due to malfunction of the equipment. Specific conductance records are good. pH records are good except Oct. 15-Nov. 12, May 10-June 3, and Aug. 8-18, which are fair. Water temperature records are good. Dissolved oxygen records are fair except Oct. 1-15, Oct. 25-Nov. 12, Dec. 28-Feb. 3, May 10-June 21, July 20-Aug. 30, and Sept. 16-30, which are poor.
EXTREMES FOR PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: Maximum, 1,400 microsiemens, Dec. 21, 1998; minimum, 144 microsiemens, May 24, 2004.
pH: Maximum, 9.1 units, Apr. 8, 2001; minimum, 5.8 units Mar. 28, 2002
WATER TEMPERATURE: Maximum, 30.5°C, July 30, 1999; minimum, 0.3°C, Jan. 9, 2004.
DISSOLVED OXYGEN: Maximum, 17.5 mg/L, May 12, 2001; minimum, 0.2 mg/L, Aug. 13,14, 1999, Aug. 25 and 26, 2000.
EXTREMES FOR CURRENT YEAR.—
SPECIFIC CONDUCTANCE: Maximum, 866 microsiemens, Aug. 30; minimum, 172 microsiemens, Jan. 13.
pH: Maximum, 8.8 units, May 17; minimum, 7.1 units, Oct. 13, Aug. 4-5, 14-15, and 20, and Sept. 12-15.
WATER TEMPERATURE: Maximum, 29.3°C, July 23; minimum, 0.4°C, Jan. 21-24.
DISSOLVED OXYGEN: Maximum, 17.1 mg/L, Jan. 1; minimum, 1.0 mg/L, Oct. 2.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 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	665	649	654	744	737	741	734	605	670	802	386	584
2	675	643	662	788	739	755	618	580	598	386	275	316
3	673	666	669	810	751	758	660	618	641	288	266	274
4	670	666	669	763	747	758	711	660	686	287	277	280
5	670	666	668	764	756	760	701	657	668	378	280	311
6	669	664	667	778	742	754	676	654	664	288	174	194
7	676	668	672	799	774	787	693	650	663	208	175	192
8	682	672	677	801	772	780	671	655	658	225	207	216
9	682	657	666	791	781	785	692	619	650	240	225	234
10	706	665	680	819	790	804	682	637	664	274	239	253
11	683	673	679	811	789	798	678	655	664	339	274	301
12	684	676	680	811	795	805	698	650	671	351	175	267
13	742	661	677	808	804	806	708	695	701	185	172	178
14	684	678	681	806	801	803	765	703	721	192	183	187
15	699	680	687	803	776	792	751	725	738	201	185	191
16	709	690	699	789	781	787	756	748	752	232	201	217
17	697	684	691	789	772	781	753	748	750	252	232	241
18	703	681	689	827	779	787	750	746	749	288	252	268
19	695	686	692	827	790	807	760	733	746	333	288	310
20	695	687	690	811	799	805	756	742	748	404	333	364
21	691	684	688	814	793	807	751	738	744	481	404	450
22	689	683	687	805	780	794	748	742	745	516	481	499
23	746	688	706	817	800	805	754	739	747	536	516	524
24	734	699	711	841	804	817	752	744	748	533	518	526
25	703	692	699	862	804	824	757	751	754	558	521	541
26	706	699	703	805	801	803	760	753	757	574	557	564
27	708	698	703	804	746	781	764	758	761	590	574	586
28	705	694	700	770	738	751	774	763	767	643	566	587
29	740	699	713	753	617	666	784	767	774	614	572	597
30	798	739	768	726	618	653	795	784	789	634	613	625
31	780	741	750	---	---	---	818	780	797	649	620	636
MONTH	798	643	690	862	617	778	818	580	716	802	172	371

03220510 Scioto River at O'Shaughnessy Dam, Ohio—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—Continued

DAY	FEBUARY			MARCH			APRIL			MAY		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
1	656	620	643	617	598	606	455	393	419	---	---	---
2	707	620	669	605	597	600	457	436	446	---	---	---
3	699	668	684	611	602	605	510	417	460	---	---	---
4	729	699	718	683	607	646	417	314	334	---	---	---
5	799	729	736	693	656	682	345	313	331	---	---	---
6	792	765	781	735	665	715	357	339	345	---	---	---
7	778	742	759	718	695	709	419	357	389	---	---	---
8	817	778	799	701	692	697	431	412	424	---	---	---
9	807	419	591	703	697	701	431	418	426	---	---	---
10	419	336	357	699	684	693	461	421	449	---	---	---
11	336	321	330	691	674	682	485	449	459	645	600	624
12	344	321	331	677	653	666	507	473	494	641	603	621
13	417	344	374	653	630	640	545	489	528	666	636	653
14	449	417	438	642	617	633	549	541	544	661	643	651
15	529	449	492	---	---	---	549	536	541	652	632	643
16	507	466	475	---	---	---	640	537	596	640	632	636
17	534	484	506	---	---	---	602	570	581	637	604	623
18	543	534	540	---	---	---	600	581	587	649	607	622
19	539	530	532	---	---	---	634	594	607	706	636	676
20	542	532	537	---	---	---	637	586	616	690	642	656
21	532	528	530	---	---	---	641	621	632	649	644	647
22	531	525	527	---	---	---	638	620	631	669	647	650
23	576	531	546	689	667	675	622	584	607	693	657	671
24	601	570	583	695	682	690	633	549	591	665	659	662
25	625	601	616	756	694	738	549	359	413	689	664	674
26	629	585	608	744	704	721	362	353	357	685	675	680
27	741	587	606	740	694	725	---	---	---	711	673	684
28	620	594	599	694	637	655	---	---	---	727	694	714
29	---	---	---	648	419	515	---	---	---	728	674	708
30	---	---	---	419	333	356	---	---	---	729	702	716
31	---	---	---	393	361	377	---	---	---	746	729	735
MONTH	817	321	568	756	333	640	641	313	493	746	600	664

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
1	735	660	701	641	628	633	701	687	695	691	678	681
2	748	644	674	650	633	641	739	692	713	697	680	689
3	709	669	692	652	639	646	799	720	750	685	655	675
4	712	695	701	643	528	582	832	797	818	656	644	651
5	702	689	696	603	569	583	---	---	---	655	643	649
6	714	678	700	614	587	597	---	---	---	659	575	617
7	695	667	679	609	559	589	---	---	---	609	564	581
8	754	681	698	605	576	593	---	---	---	624	598	612
9	754	685	711	630	600	615	---	---	---	642	619	630
10	725	670	690	649	630	641	---	---	---	657	623	644
11	691	666	679	662	641	652	---	---	---	642	612	628
12	759	672	687	707	649	674	---	---	---	643	632	637
13	687	672	680	739	695	710	---	---	---	659	636	645
14	720	676	695	768	728	742	---	---	---	661	647	656
15	725	689	699	775	736	759	---	---	---	648	626	634
16	742	705	728	805	746	772	---	---	---	663	623	637
17	707	694	702	802	716	744	---	---	---	651	566	633
18	728	690	701	769	718	728	806	752	766	566	545	554
19	709	687	699	765	683	713	805	766	788	689	548	582
20	712	635	682	715	680	694	813	766	780	626	580	593
21	693	648	673	742	642	697	798	762	775	604	574	589
22	701	674	689	695	675	682	783	736	763	616	581	600
23	719	687	705	708	676	690	764	749	756	670	570	598
24	730	694	715	729	683	700	768	734	751	582	571	573
25	738	719	729	747	644	723	760	740	749	582	474	524
26	741	722	729	779	731	752	765	743	752	522	487	513
27	735	705	723	818	751	784	787	765	774	516	465	496
28	712	677	695	829	794	808	791	773	780	465	418	444
29	692	656	678	813	768	795	800	773	786	441	423	432
30	675	609	629	790	693	743	866	775	808	461	432	444
31	---	---	---	723	656	696	840	686	718	---	---	---
MONTH	759	609	695	829	528	690	866	686	762	697	418	595
YEAR	866	172	635									

03220510 Scioto River at O'Shaughnessy Dam, Ohio—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
1	7.5	7.2	7.3	7.6	7.4	7.5	7.5	7.5	7.5	8.1	7.8	7.9
2	7.3	7.2	7.2	7.5	7.3	7.5	7.6	7.5	7.5	7.8	7.8	7.8
3	7.2	7.2	7.2	7.5	7.3	7.4	7.6	7.6	7.6	7.8	7.8	7.8
4	7.3	7.2	7.2	7.4	7.4	7.4	7.6	7.6	7.6	7.8	7.8	7.8
5	7.4	7.3	7.3	7.5	7.4	7.4	7.6	7.5	7.5	7.8	7.8	7.8
6	7.4	7.3	7.3	7.6	7.5	7.5	7.5	7.4	7.5	7.8	7.8	7.8
7	7.4	7.3	7.3	7.6	7.5	7.6	7.5	7.4	7.5	7.8	7.8	7.8
8	7.4	7.3	7.3	7.6	7.5	7.6	7.5	7.4	7.4	7.8	7.8	7.8
9	7.6	7.3	7.4	7.6	7.5	7.6	7.6	7.4	7.5	7.8	7.8	7.8
10	7.5	7.3	7.4	7.7	7.6	7.7	7.6	7.5	7.5	7.8	7.8	7.8
11	7.5	7.3	7.4	7.7	7.6	7.7	7.5	7.4	7.5	7.8	7.8	7.8
12	7.6	7.3	7.4	7.7	7.5	7.6	7.6	7.5	7.6	7.8	7.8	7.8
13	7.5	7.1	7.4	7.7	7.6	7.7	7.6	7.6	7.6	7.8	7.8	7.8
14	7.4	7.3	7.3	7.7	7.6	7.7	7.8	7.5	7.6	7.8	7.8	7.8
15	7.6	7.3	7.4	7.8	7.6	7.7	7.7	7.6	7.7	7.8	7.8	7.8
16	7.5	7.4	7.4	7.8	7.6	7.7	7.7	7.7	7.7	7.9	7.8	7.8
17	7.5	7.4	7.4	7.6	7.6	7.6	7.7	7.7	7.7	7.9	7.9	7.9
18	7.4	7.3	7.4	7.6	7.5	7.6	7.7	7.7	7.7	7.9	7.9	7.9
19	7.4	7.3	7.4	7.7	7.5	7.6	7.8	7.7	7.7	8.0	7.9	7.9
20	7.4	7.3	7.4	7.6	7.5	7.5	7.8	7.7	7.8	8.0	7.8	7.8
21	7.5	7.4	7.4	7.7	7.5	7.6	7.8	7.7	7.8	7.8	7.8	7.8
22	7.5	7.4	7.4	7.8	7.6	7.7	7.8	7.7	7.8	7.8	7.8	7.8
23	7.5	7.3	7.4	7.6	7.6	7.6	7.8	7.7	7.8	7.8	7.8	7.8
24	7.5	7.3	7.4	7.6	7.6	7.6	7.8	7.7	7.8	7.9	7.8	7.8
25	7.5	7.3	7.4	7.8	7.5	7.7	7.8	7.7	7.8	7.9	7.7	7.8
26	7.4	7.3	7.3	7.8	7.8	7.8	7.8	7.7	7.8	7.8	7.8	7.8
27	7.4	7.3	7.3	7.9	7.8	7.9	7.8	7.8	7.8	7.9	7.8	7.8
28	7.6	7.4	7.5	7.9	7.7	7.8	7.8	7.7	7.8	7.9	7.5	7.8
29	7.5	7.3	7.4	7.7	7.5	7.6	7.8	7.7	7.8	7.9	7.8	7.9
30	7.4	7.3	7.3	7.5	7.5	7.5	7.7	7.7	7.7	7.9	7.9	7.9
31	7.5	7.3	7.4	---	---	---	8.2	7.7	8.1	7.9	7.9	7.9
MAX	7.6	7.4	7.5	7.9	7.8	7.9	8.2	7.8	8.1	8.1	7.9	7.9
MIN	7.2	7.1	7.2	7.4	7.3	7.4	7.5	7.4	7.4	7.8	7.5	7.8

DAY	FEBRUARY			MARCH			APRIL			MAY		
	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
1	7.9	7.9	7.9	8.0	8.0	8.0	7.8	7.7	7.7	---	---	---
2	7.9	7.6	7.9	8.0	8.0	8.0	8.0	7.8	7.8	---	---	---
3	7.9	7.8	7.9	8.1	8.0	8.0	8.1	8.0	8.1	---	---	---
4	7.9	7.9	7.9	8.1	8.0	8.1	8.0	7.9	7.9	---	---	---
5	8.2	7.7	7.9	8.1	8.0	8.1	7.9	7.8	7.8	---	---	---
6	7.8	7.7	7.8	8.1	8.0	8.1	7.8	7.7	7.8	---	---	---
7	8.0	7.8	8.0	8.2	8.1	8.1	7.8	7.7	7.7	---	---	---
8	8.2	8.0	8.1	8.2	8.2	8.2	7.8	7.7	7.7	---	---	---
9	8.2	8.0	8.1	8.2	8.2	8.2	7.8	7.7	7.7	---	---	---
10	8.0	8.0	8.0	8.2	8.1	8.2	7.9	7.7	7.8	8.2	7.9	8.0
11	8.0	8.0	8.0	8.1	8.1	8.1	8.0	7.7	7.9	8.7	7.9	8.5
12	8.0	8.0	8.0	8.2	8.1	8.2	8.4	7.9	7.9	8.4	8.2	8.3
13	8.0	7.9	8.0	8.2	8.1	8.2	8.2	7.9	8.2	8.2	7.8	8.0
14	7.9	7.9	7.9	8.2	8.1	8.1	8.2	8.1	8.1	8.2	7.9	8.0
15	8.1	7.9	8.0	8.2	8.1	8.2	8.1	7.9	8.0	8.6	8.2	8.4
16	8.1	8.0	8.1	---	---	---	8.1	7.5	7.6	8.7	8.5	8.6
17	8.2	8.1	8.2	---	---	---	8.0	7.6	7.8	8.8	8.4	8.6
18	8.2	8.1	8.2	---	---	---	8.2	7.9	8.0	8.6	8.3	8.4
19	8.1	8.0	8.1	---	---	---	8.0	7.7	7.9	8.4	8.0	8.2
20	8.0	8.0	8.0	---	---	---	8.0	7.7	7.8	8.4	8.0	8.3
21	8.0	8.0	8.0	---	---	---	8.6	8.0	8.3	8.5	8.2	8.2
22	8.1	8.0	8.0	8.3	8.2	8.3	8.2	7.9	8.1	8.3	8.0	8.3
23	8.1	8.1	8.1	8.3	8.2	8.2	8.3	8.1	8.2	8.1	7.9	8.0
24	8.1	8.1	8.1	8.2	8.2	8.2	8.1	8.0	8.0	8.1	8.0	8.0
25	8.1	8.1	8.1	8.4	8.2	8.3	8.0	7.7	7.8	8.1	8.0	8.1
26	8.2	8.1	8.1	8.4	8.3	8.3	7.7	7.7	7.7	8.3	7.9	8.1
27	8.2	7.7	8.2	8.4	8.3	8.4	---	---	---	8.6	8.2	8.3
28	8.1	8.0	8.1	8.3	8.2	8.3	---	---	---	8.2	7.7	7.9
29	---	---	---	8.3	8.0	8.2	---	---	---	8.4	7.8	8.0
30	---	---	---	8.0	7.8	7.9	---	---	---	8.0	7.8	7.9
31	---	---	---	7.8	7.7	7.8	---	---	---	7.8	7.7	7.8
MAX	8.2	8.1	8.2	8.4	8.3	8.4	8.6	8.1	8.3	8.8	8.5	8.6
MIN	7.8	7.6	7.8	7.8	7.7	7.8	7.7	7.5	7.6	7.8	7.7	7.8

03220510 Scioto River at O'Shaughnessy Dam, Ohio—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
1	8.2	7.7	7.9	8.2	7.7	7.9	7.4	7.3	7.4	8.0	7.8	7.8
2	8.2	7.7	8.0	8.2	7.9	8.0	7.4	7.2	7.3	8.2	7.8	7.8
3	8.0	7.9	8.0	8.0	7.7	7.9	7.3	7.2	7.2	8.2	7.9	8.0
4	8.4	7.9	8.2	7.7	7.5	7.6	7.2	7.1	7.2	8.1	7.7	7.9
5	8.2	7.2	8.1	7.9	7.6	7.6	7.2	7.1	7.2	8.0	7.4	7.8
6	8.2	7.8	8.0	8.6	7.7	8.0	7.3	7.2	7.3	7.5	7.2	7.4
7	8.2	7.8	8.0	8.7	8.0	8.3	7.5	7.3	7.4	7.4	7.2	7.2
8	8.1	7.5	7.8	8.3	7.8	8.1	7.4	7.3	7.4	7.5	7.2	7.4
9	7.9	7.5	7.6	7.9	7.5	7.7	7.4	7.3	7.3	7.8	7.1	7.3
10	7.9	7.5	7.8	7.5	7.4	7.5	7.4	7.3	7.3	7.8	7.3	7.6
11	7.8	7.6	7.8	7.5	7.4	7.4	7.4	7.3	7.4	7.4	7.2	7.2
12	7.9	7.4	7.7	7.4	7.3	7.4	7.3	7.3	7.3	7.3	7.1	7.2
13	7.9	7.7	7.8	7.4	7.3	7.3	7.3	7.2	7.2	7.2	7.1	7.1
14	7.8	7.8	7.8	7.3	7.3	7.3	7.3	7.1	7.1	7.2	7.1	7.1
15	8.0	7.8	7.9	7.3	7.3	7.3	7.2	7.1	7.2	7.6	7.1	7.3
16	8.0	7.6	7.8	7.3	7.2	7.3	7.3	7.2	7.3	7.8	7.3	7.5
17	8.4	7.9	8.2	7.4	7.2	7.3	7.3	7.3	7.3	7.8	7.4	7.5
18	8.5	8.0	8.2	7.4	7.2	7.4	7.4	7.2	7.3	8.0	7.8	7.9
19	8.6	8.1	8.3	7.7	7.3	7.4	7.3	7.2	7.2	7.8	7.5	7.6
20	8.6	7.8	8.2	7.6	7.3	7.4	7.3	7.1	7.2	7.6	7.4	7.5
21	8.2	7.7	7.8	7.7	7.3	7.4	7.5	7.2	7.3	7.7	7.4	7.4
22	8.0	7.6	7.7	7.5	7.3	7.4	7.6	7.3	7.4	7.5	7.4	7.4
23	7.8	7.5	7.6	7.5	7.3	7.4	7.4	7.3	7.4	7.7	7.2	7.6
24	7.6	7.4	7.5	7.4	7.2	7.3	7.5	7.2	7.3	7.8	7.6	7.7
25	7.7	7.4	7.5	7.6	7.2	7.3	7.4	7.3	7.3	7.6	7.4	7.5
26	7.7	7.5	7.6	7.3	7.2	7.2	7.4	7.2	7.3	7.7	7.5	7.5
27	7.6	7.4	7.5	7.2	7.2	7.2	7.3	7.2	7.2	7.6	7.5	7.6
28	7.6	7.4	7.5	7.3	7.2	7.2	7.4	7.3	7.3	7.5	7.4	7.5
29	8.0	7.5	7.6	7.4	7.2	7.3	7.3	7.2	7.3	7.5	7.4	7.4
30	8.2	7.8	8.2	7.4	7.2	7.3	7.3	7.2	7.3	7.5	7.4	7.4
31	---	---	---	7.6	7.3	7.4	7.8	7.2	7.7	---	---	---
MAX	8.6	8.1	8.3	8.7	8.0	8.3	7.8	7.3	7.7	8.2	7.9	8.0
MIN	7.6	7.2	7.5	7.2	7.2	7.2	7.2	7.1	7.1	7.2	7.1	7.1

YEAR	MAX	MIN	MEDIAN
	MAXIMUM 8.8 MINIMUM 7.2	MAXIMUM 8.5 MINIMUM 7.1	MAXIMUM 8.6 MINIMUM 7.1

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

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
1	20.4	18.4	19.4	14.6	13.6	14.1	7.9	6.7	7.4	2.0	0.5	0.9
2	19.7	18.8	19.2	14.5	14.0	14.3	6.7	6.4	6.5	2.4	0.8	1.6
3	19.5	18.6	19.0	14.1	13.3	13.9	6.4	6.2	6.3	6.1	2.4	4.1
4	19.3	18.5	18.8	14.0	13.5	13.7	6.4	6.0	6.2	7.3	6.1	7.0
5	19.0	18.1	18.5	13.6	13.1	13.3	6.3	5.8	6.1	7.0	4.9	6.4
6	18.6	17.7	18.1	13.3	12.7	13.0	6.5	6.1	6.3	4.9	2.9	3.6
7	18.2	17.3	17.7	13.2	12.5	12.9	6.9	6.4	6.7	2.9	2.2	2.5
8	18.0	17.2	17.5	12.8	12.0	12.4	6.9	6.6	6.7	2.2	2.1	2.2
9	18.4	17.3	17.8	12.1	11.5	11.9	7.0	6.2	6.6	2.3	2.2	2.2
10	18.2	17.0	17.6	11.9	11.3	11.5	7.0	6.5	6.8	2.6	2.3	2.4
11	18.2	16.9	17.5	11.4	10.9	11.2	6.7	6.4	6.6	3.4	2.6	2.9
12	17.8	16.7	17.2	11.2	10.5	10.9	6.7	6.2	6.5	7.0	3.4	5.0
13	17.2	16.0	16.9	10.8	10.1	10.4	6.7	6.0	6.4	8.6	7.0	8.0
14	17.6	16.6	16.9	10.7	9.8	10.1	6.2	5.6	5.9	8.8	6.7	8.0
15	16.7	15.8	16.2	10.3	9.4	9.8	5.7	5.4	5.5	6.7	4.7	5.7
16	15.9	15.1	15.6	9.9	9.5	9.6	5.4	5.0	5.2	4.7	2.9	3.9
17	16.1	14.2	15.1	9.7	9.0	9.4	5.1	4.7	4.9	2.9	1.4	2.1
18	14.6	13.6	14.0	9.9	9.1	9.7	4.9	4.5	4.7	1.4	0.8	1.0
19	14.8	14.0	14.4	10.2	9.7	10	4.8	2.8	3.8	0.8	0.6	0.7
20	15.0	14.5	14.8	9.9	9.4	9.6	3.1	2.5	2.7	0.6	0.5	0.5
21	14.9	14.4	14.6	10.5	9.9	10.2	3.7	2.7	3.2	0.6	0.4	0.4
22	15.1	14.0	14.4	10.2	10.0	10.1	3.4	2.7	3.1	0.5	0.4	0.5
23	14.2	13.6	13.8	10.0	9.8	9.9	2.9	2.6	2.7	0.5	0.4	0.5
24	15.1	13.7	14.3	10.4	10.0	10.3	2.9	2.4	2.6	0.5	0.4	0.5
25	15.1	13.9	14.3	10.1	9.1	9.5	3.0	2.6	2.8	0.7	0.5	0.6
26	14.8	13.5	14.1	9.3	9.2	9.3	3.0	2.7	2.9	0.7	0.6	0.7
27	14.6	13.9	14.2	9.2	8.3	8.9	3.0	2.7	2.8	0.7	0.6	0.6
28	15.2	14.2	14.6	8.3	8.0	8.2	3.1	2.7	2.9	1.5	0.5	0.9
29	14.6	14.1	14.4	8.0	6.9	7.2	3.4	3.0	3.1	0.9	0.7	0.8
30	15.0	13.8	14.2	7.8	6.9	7.2	3.4	3.1	3.3	0.8	0.8	0.8
31	15.0	13.7	14.2	---	---	---	3.3	2.0	2.6	0.9	0.7	0.8
MONTH	20.4	13.5	16.1	14.6	6.9	10.8	7.9	2.0	4.8	8.8	0.4	2.5

03220510 Scioto River at O'Shaughnessy Dam, Ohio—Continued

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

DAY	FEBRUARY			MARCH			APRIL			MAY		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
1	0.9	0.7	0.8	3.3	2.8	3.1	9.9	8.8	9.3	---	---	---
2	1.3	0.8	0.9	2.8	2.5	2.6	9.9	8.7	9.3	---	---	---
3	1.0	0.7	0.8	2.7	2.3	2.5	8.7	5.6	7.8	---	---	---
4	1.0	0.7	0.9	2.8	2.6	2.7	6.4	4.8	5.3	---	---	---
5	1.4	0.9	1.0	3.1	2.5	2.8	7.6	6.1	6.4	---	---	---
6	1.5	1.2	1.3	3.0	2.6	2.8	9.1	7.6	8.3	---	---	---
7	1.2	1.0	1.1	3.5	2.9	3.2	12.5	9.1	10.8	---	---	---
8	1.0	0.9	0.9	3.8	3.5	3.6	12.5	11.4	11.9	---	---	---
9	1.3	1.0	1.1	3.7	3.5	3.6	12.0	11.5	11.7	---	---	---
10	1.4	1.2	1.3	3.9	3.4	3.6	14.9	11.3	12.3	---	---	---
11	1.2	0.8	1.0	4.0	3.8	3.9	15.1	13.2	14.4	20.7	13.4	17.4
12	0.9	0.7	0.8	4.1	3.8	3.9	15.1	12.9	13.8	19.7	17.7	18.8
13	1.5	0.8	1.0	3.9	3.5	3.7	14.6	12.9	13.9	17.7	14.9	16.4
14	1.8	1.5	1.7	3.9	3.4	3.7	14.3	13.1	13.5	16.1	15.1	15.6
15	3.0	1.7	2.4	---	---	---	14.5	12.8	13.6	17.2	16.1	16.8
16	3.1	2.7	2.8	---	---	---	14.3	11.9	12.9	17.2	16.4	16.9
17	4.5	3.1	3.7	---	---	---	14.7	11.7	12.9	19.9	16.1	17.7
18	4.6	4.4	4.6	---	---	---	14.8	13.9	14.4	18.7	16.4	17.3
19	4.4	4.2	4.3	---	---	---	14.5	13.1	13.9	16.8	15.5	16.2
20	4.3	3.7	4.1	---	---	---	14.3	12.9	13.5	17.4	15.5	16.6
21	3.8	3.4	3.6	---	---	---	16.0	14.3	15.7	19.9	16.7	18.0
22	3.4	3.0	3.2	5.4	5.1	5.3	15.5	14.5	15.0	18.6	16.5	17.8
23	3.0	2.7	2.8	5.3	5.1	5.3	15.1	13.6	14.6	17.9	15.8	16.9
24	2.9	2.6	2.8	5.3	5.0	5.1	13.6	9.9	12.0	17.6	17.0	17.3
25	3.1	2.7	2.9	5.7	5.1	5.5	9.9	6.7	7.8	17.8	16.6	17.2
26	3.4	3.0	3.2	6.3	5.5	5.8	7.7	6.5	7.0	19.5	16.9	18.2
27	3.7	2.9	3.2	6.3	6.1	6.2	---	---	---	19.6	18.1	18.9
28	3.3	3.2	3.3	6.3	6.1	6.2	---	---	---	18.6	16.9	17.6
29	---	---	---	6.8	6.2	6.4	---	---	---	20.0	17.1	18.4
30	---	---	---	7.3	6.3	6.5	---	---	---	19.5	18.1	18.6
31	---	---	---	8.8	7.3	7.9	---	---	---	19.9	17.6	18.6
MONTH	4.6	0.7	2.2	8.8	2.3	4.4	16.0	4.8	11.6	20.7	13.4	17.5

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
1	20.2	18.9	19.6	26.9	24.7	26.0	28.6	26.2	27.2	25.3	24.3	24.7
2	19.9	17.2	18.6	26.5	25.5	26.0	29.2	26.5	27.7	25.2	23.9	24.5
3	18.8	17.2	18.1	26.0	24.7	25.4	28.1	26.5	27.3	25.4	23.9	24.6
4	20.4	18.8	19.7	24.9	23.7	24.2	26.5	25.3	25.8	25.3	23.6	24.4
5	21.1	18.3	20.2	25.7	24.4	25.0	25.5	24.2	25.0	24.9	23.0	23.8
6	25.0	19.1	22.6	27.4	24.9	26.1	25.3	24.8	25.0	23.4	22.0	22.8
7	26.5	23.0	24.5	28.0	26.0	27.0	27.2	24.5	25.7	23.6	21.4	22.4
8	24.0	22.0	23.0	27.8	25.9	26.9	26.4	24.5	25.5	23.8	22.4	23.0
9	24.0	22.0	22.9	27.9	25.7	26.8	27.1	24.2	25.5	25.8	22.1	23.8
10	24.9	22.4	24.1	27.3	25.5	26.5	26.6	25.3	26.1	26.0	24.1	24.9
11	24.8	24.0	24.4	26.8	25.4	26.2	26.8	25.1	25.9	24.8	23.1	23.8
12	25.1	23.1	24.2	26.1	23.7	25.2	26.1	24.0	25.3	23.9	22.4	23.0
13	24.9	21.6	23.8	25.0	24.0	24.4	---	---	---	23.5	22.1	22.6
14	25.3	23.2	24.6	24.8	23.9	24.2	---	---	---	22.8	21.7	22.1
15	24.3	23.5	24.0	25.1	24.3	24.6	---	---	---	25.2	22.1	23.4
16	23.6	22.6	23.1	24.8	23.4	24.2	---	---	---	24.8	23.5	24.1
17	24.4	22.4	23.4	25.6	23.5	24.6	---	---	---	23.6	23.0	23.3
18	23.7	22.8	23.2	25.6	24.2	25.0	25.8	24.4	25.3	24.3	23.3	23.6
19	24.1	22.6	23.3	27.7	24.6	26.2	25.7	24.2	24.9	23.3	21.4	22.5
20	25.8	22.5	24.0	27.6	26.2	26.9	26.3	24.8	25.4	22.9	21.9	22.4
21	25.1	22.9	24.2	28.5	25.3	26.8	26.6	24.5	25.6	25.1	21.8	22.5
22	24.6	23.4	24.0	28.8	27.0	27.9	26.4	24.9	25.7	22.7	21.7	22.1
23	25.6	22.5	23.9	29.3	27.1	28.1	25.8	24.7	25.3	22.5	21.8	22.2
24	24.3	21.8	22.7	28.5	25.8	27.2	25.7	23.9	24.8	22.6	22.1	22.3
25	23.9	21.7	22.8	28.5	26.0	26.9	26.4	23.8	25.1	22.1	20.2	21.1
26	26.1	23.1	24.3	26.9	25.8	26.3	25.9	24.2	25.0	21.7	20.4	21.2
27	26.5	24.1	25.1	25.9	24.3	25.2	24.4	23.5	24.0	21.7	20.0	21.0
28	27.1	24.8	25.7	25.6	24.0	24.8	24.7	23.3	23.9	20.0	19.2	19.8
29	27.6	25.1	26.2	26.3	24.3	25.3	23.8	23.2	23.5	19.8	19.2	19.6
30	27.6	26.2	26.9	27.3	24.7	26.0	23.4	22.9	23.2	19.6	18.4	19.1
31	---	---	---	28.7	25.7	27.0	24.8	23.2	24.0	---	---	---
MONTH	27.6	17.2	23.2	29.3	23.4	25.9	29.2	22.9	25.3	26.0	18.4	22.7
YEAR	29.3	0.4	13.9									

03220510 Scioto River at O'Shaughnessy Dam, Ohio—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
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	6.2	1.1	3.0	9.7	5.9	7.0	9.8	8.5	9.2	17.1	16.2	16.8
2	3.0	1.0	1.9	6.4	5.1	5.8	10.4	9.6	9.9	16.9	16.0	16.5
3	3.6	1.7	2.3	7.2	5.9	6.6	10.6	10.4	10.5	16.0	14.2	15.1
4	3.2	1.5	2.2	6.5	5.8	6.2	10.6	10.2	10.4	14.2	13.5	13.7
5	4.3	2.2	2.8	7.1	5.8	6.6	10.3	9.8	10.1	14.6	13.6	14.0
6	4.4	2.2	2.8	6.7	5.9	6.3	10.0	9.8	9.9	15.8	14.6	15.4
7	4.9	2.2	3.0	7.3	6.2	6.9	9.9	9.7	9.8	16.3	15.8	16.0
8	5.1	2.2	3.0	8.1	7.2	7.6	10.2	9.8	9.9	16.3	15.9	16.0
9	5.8	2.2	3.7	9.2	7.6	8.2	10.4	9.6	10.0	16.1	15.7	15.9
10	6.9	3.4	4.9	8.6	7.2	7.7	10.4	9.6	9.9	15.9	15.4	15.7
11	7.6	4.2	5.4	8.4	7.2	7.7	10.0	9.4	9.8	15.5	15.0	15.1
12	8.1	3.7	5.4	9.3	7.4	8.1	10.1	9.9	10	15.2	13.6	14.4
13	5.4	2.5	3.7	9.6	8.0	8.6	10.5	10.0	10.3	13.6	12.7	13.0
14	4.7	1.6	2.6	9.9	8.1	8.7	13.6	10.1	10.9	13.4	12.8	13.0
15	5.2	1.6	2.8	9.7	8.0	8.5	11.5	11.0	11.3	14.5	13.4	14.0
16	5.3	1.5	2.9	9.6	8.0	8.5	11.6	11.2	11.4	15.4	14.5	14.9
17	5.3	2.1	3.4	8.8	8.1	8.4	11.8	11.5	11.7	16.5	15.4	15.9
18	5.3	2.6	3.7	8.8	8.1	8.6	12.0	11.6	11.7	17.0	16.5	16.8
19	5.0	3.3	3.9	9.3	8.2	8.6	13.1	11.6	12.5	16.7	16.4	16.6
20	4.9	3.4	4.0	9.1	8.0	8.5	13.7	12.8	13.1	16.8	14.4	15.5
21	5.5	3.7	4.5	10.1	8.5	9.3	13.2	12.8	12.9	14.5	14.2	14.3
22	6.4	3.9	4.8	9.8	9.1	9.6	13.1	12.7	13.0	14.2	14.0	14.1
23	5.9	3.7	4.3	9.2	8.5	8.9	13.5	12.9	13.2	14.4	14.0	14.2
24	6.3	3.6	4.8	9.7	8.0	9.0	13.5	13.1	13.2	14.5	14.4	14.5
25	6.8	4.5	5.4	10.2	7.9	9.4	13.5	13.0	13.2	14.6	14.0	14.4
26	7.5	4.4	5.4	9.7	9.2	9.6	13.6	13.0	13.2	14.4	14.3	14.3
27	7.0	4.2	5.4	10.2	9.2	9.7	13.7	13.2	13.4	14.6	14.4	14.4
28	8.7	5.5	6.9	10.3	9.7	10	13.4	12.1	12.8	14.6	13.0	14.1
29	7.1	4.0	5.8	10.2	9.7	9.9	12.5	11.9	12.1	14.6	14.1	14.4
30	6.3	2.6	3.9	9.8	8.7	9.5	12.3	11.8	12.0	14.7	14.5	14.7
31	8.3	3.8	6.3	---	---	---	16.2	11.9	14.2	14.6	14.5	14.5
MONTH	8.7	1.0	4.0	10.3	5.1	8.3	16.2	8.5	11.5	17.1	12.7	14.9

DAY	FEBRUARY			MARCH			APRIL			MAY		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
1	15.0	14.5	14.6	12.7	12.4	12.6	10.9	10.3	10.6	---	---	---
2	15.0	14.1	14.6	12.9	12.7	12.8	12.3	10.3	10.9	---	---	---
3	14.8	14.1	14.5	13.0	12.9	12.9	13.5	12.3	12.6	---	---	---
4	14.6	14.4	14.5	13.1	12.9	12.9	14.1	12.9	13.5	---	---	---
5	15.8	13.4	14.4	13.1	12.9	13.0	13.1	11.9	12.6	---	---	---
6	13.8	13.4	13.5	13.2	12.9	13.0	11.9	10.9	11.4	---	---	---
7	14.2	13.8	14.0	13.3	13.1	13.3	10.9	10.0	10.3	---	---	---
8	16.9	14.1	15.8	13.4	13.3	13.3	10.2	9.6	9.8	---	---	---
9	16.9	16.5	16.7	13.3	13.2	13.3	9.6	9.4	9.5	---	---	---
10	16.7	16.4	16.5	13.2	12.8	13.0	9.9	9.1	9.3	---	---	---
11	17.0	16.2	16.4	12.8	12.7	12.7	10.3	9.6	10	10.9	7.4	9.1
12	16.3	15.4	15.8	12.9	12.6	12.8	10.5	9.4	10	9.2	7.6	8.3
13	15.4	14.4	14.9	13.0	12.8	12.9	11.3	9.4	10.6	9.4	8.0	8.5
14	14.4	14.1	14.2	13.0	12.8	12.9	11.0	10.0	10.3	9.4	8.4	8.8
15	14.3	13.8	14.0	---	---	---	10.8	9.7	10.3	9.6	8.7	9.1
16	13.9	13.6	13.8	---	---	---	10.7	8.4	9.4	9.8	8.7	9.2
17	13.9	13.2	13.7	---	---	---	11.1	8.5	9.8	9.7	7.8	8.8
18	13.2	12.5	12.8	---	---	---	12.2	10.2	11.1	9.4	8.0	8.7
19	12.5	12.0	12.2	---	---	---	11.3	8.8	10.2	9.2	6.7	8.3
20	12.1	11.6	11.8	---	---	---	11.1	8.8	9.3	8.7	6.4	8.3
21	12.1	11.9	12.0	---	---	---	11.5	9.0	9.6	8.8	7.2	8.2
22	12.2	12.1	12.1	12.7	12.5	12.6	9.8	9.0	9.4	8.3	7.4	7.9
23	12.1	11.9	12.0	12.5	12.4	12.5	10.5	9.2	9.8	8.4	7.1	7.8
24	11.9	11.4	11.7	12.5	12.4	12.4	11.8	10.5	11.0	7.4	5.0	6.8
25	---	---	---	12.7	12.4	12.6	13.1	11.8	12.6	8.3	6.2	7.5
26	---	---	---	13.0	12.7	12.8	13.2	12.6	13.0	8.1	7.0	7.7
27	---	---	---	13.1	12.6	12.9	---	---	---	8.4	6.6	7.5
28	---	---	---	13.0	12.4	12.7	---	---	---	8.0	6.8	7.4
29	---	---	---	13.0	12.3	12.7	---	---	---	7.9	6.0	7.0
30	---	---	---	12.3	11.5	11.8	---	---	---	6.8	5.4	6.1
31	---	---	---	11.5	10.9	11.2	---	---	---	6.6	4.4	5.7
MONTH	17.0	11.4	14.0	13.4	10.9	12.7	14.1	8.4	10.7	10.9	4.4	7.9

03220510 Scioto River at O'Shaughnessy Dam, Ohio—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—Continued

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
1	6.4	4.9	5.6	6.8	5.5	6.4	3.8	2.2	3.1	7.6	7.3	7.5
2	7.2	4.0	6.0	6.8	5.5	6.4	3.8	2.3	3.1	7.7	7.1	7.4
3	7.7	6.6	7.1	6.7	5.6	6.1	3.7	1.8	2.9	7.2	5.8	6.7
4	7.5	6.4	7.0	6.9	5.3	6.1	3.7	2.8	3.2	6.3	4.3	5.5
5	7.4	4.2	6.8	6.9	5.4	6.0	4.7	2.9	3.9	---	---	---
6	7.1	5.1	6.0	7.2	5.2	6.0	5.7	4.1	5.0	---	---	---
7	6.0	5.2	5.6	6.1	3.9	5.2	6.3	4.8	5.6	---	---	---
8	6.0	4.9	5.6	4.9	2.7	3.9	6.0	4.8	5.3	---	---	---
9	6.6	4.9	5.8	3.7	1.9	3.0	---	---	---	---	---	---
10	6.3	4.9	5.5	2.6	1.9	2.2	---	---	---	---	---	---
11	6.1	4.9	5.5	3.7	2.4	3.2	---	---	---	---	---	---
12	7.1	4.3	6.2	4.5	3.3	3.8	---	---	---	---	---	---
13	7.5	6.2	6.8	4.3	3.5	3.9	---	---	---	---	---	---
14	6.7	5.9	6.3	4.3	3.6	4.0	---	---	---	---	---	---
15	6.8	5.1	6.1	4.4	3.7	4.0	---	---	---	---	---	---
16	6.9	5.3	6.0	4.7	4.0	4.3	---	---	---	---	---	---
17	7.3	5.0	6.3	5.1	4.1	4.6	---	---	---	6.8	5.9	6.2
18	7.4	5.2	6.3	5.1	4.0	4.6	---	---	---	7.6	6.8	7.2
19	7.0	5.5	6.2	4.9	3.6	4.3	6.2	5.2	5.5	7.4	6.7	7.1
20	6.8	5.5	6.0	4.9	3.6	4.2	6.4	4.8	5.5	7.0	5.6	6.5
21	6.8	5.1	5.8	4.9	3.4	4.3	6.0	4.2	5.2	6.8	1.3	5.8
22	5.9	4.8	5.4	4.2	2.9	3.5	5.4	3.4	4.4	6.6	5.0	5.9
23	5.6	3.7	4.7	3.9	2.8	3.3	4.0	1.7	3.3	7.5	4.7	6.5
24	5.4	3.9	4.8	4.1	2.8	3.5	3.2	1.2	2.3	7.6	5.4	6.9
25	5.1	3.8	4.4	4.3	3.3	3.8	2.9	1.3	2.2	8.0	6.8	7.6
26	4.8	3.7	4.1	4.0	2.8	3.5	3.5	2.2	2.9	9.4	6.8	8.3
27	4.6	3.5	4.1	3.8	2.2	3.3	5.3	2.8	3.9	9.8	9.2	9.6
28	4.6	3.4	3.9	4.5	2.2	3.7	6.0	2.8	4.6	9.9	8.9	9.4
29	4.9	3.5	4.2	5.0	3.6	4.1	6.3	4.1	5.5	9.3	8.4	8.9
30	5.8	4.3	5.3	4.8	2.9	4.1	5.9	4.6	5.5	9.1	7.3	8.4
31	---	---	---	4.9	2.9	3.9	7.4	5.4	6.8	---	---	---
MONTH	7.7	3.4	5.6	7.2	1.9	4.3	7.4	1.2	4.3	9.9	1.3	7.3
YEAR	17.1	1.0	8.8									

03221000 Scioto River below O'Shaughnessy Dam near Dublin, Ohio

LOCATION.—Latitude 40°08′36″, longitude 83°07′14″, Delaware County, Hydrologic Unit 05060001, on left bank, 0.2 mi north of county line, 0.8 mi downstream from O'Shaughnessy Dam, and 3 mi north of Dublin, Ohio.

DRAINAGE AREA.—980 mi^2.

PERIOD OF RECORD.—April 1921 to current year.

REVISED RECORDS.—WSP 803: 1924-35. WSP 1725: 1924. WSP 1908: Drainage area.

GAGE.—Water-stage recorder. Datum of gage is 775.00 ft, National Geodetic Vertical Datum of 1912. Prior to Aug. 26, 1921, nonrecording gage at site 0.8 mi upstream at same datum; Aug. 26, 1921-Oct. 13, 1924, nonrecording gage at site 100 ft downstream at same datum.

REMARKS.—Records fair except for periods of estimated record, which are poor. Flow regulated since 1924 by O'Shaughnessy Reservoir 0.8 mi upstream. Water-quality data formerly collected at this site. U.S. Army Corps of Engineers satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood of Mar. 25, 1913, reached a stage of 24.6 ft, discharge; 74,500 ft^3/s at Griggs Dam, 9 mi downstream from gage, computed by C.E. Sherman, The Ohio State University.

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	42	89	934	8630	351	694	1010	1600	192	1070	141	1540
2	48	109	1810	9980	329	809	1950	1070	169	692	118	1330
3	86	293	1840	11000	376	778	6790	819	155	414	98	789
4	85	378	1330	13000	354	609	4380	687	151	283	81	480
5	84	386	776	16500	334	700	3440	593	145	221	e77	316
6	86	708	582	25400	246	732	2110	523	154	199	e110	203
7	86	676	586	16900	470	1480	1220	482	143	180	e100	150
8	86	551	571	12100	3520	1560	762	431	152	140	e93	114
9	55	349	568	10700	6060	1280	619	407	238	114	e98	94
10	121	252	960	7950	6090	847	597	379	189	98	93	78
11	139	226	772	7470	4930	643	559	369	152	87	84	67
12	140	278	966	18300	3520	542	604	342	514	77	74	59
13	78	216	1030	17900	2190	526	414	288	654	72	68	53
14	41	213	666	15400	1690	569	419	382	414	68	63	49
15	44	126	600	11400	2100	401	329	456	291	70	64	44
16	43	72	498	8730	2210	353	191	455	217	79	69	56
17	43	77	441	6470	2850	382	287	496	171	90	71	93
18	52	576	399	4150	2320	473	296	431	150	92	72	601
19	49	256	402	2550	1720	413	263	414	129	100	73	491
20	48	194	207	1710	1120	371	279	790	112	104	e76	332
21	52	320	264	1090	1000	435	333	711	97	123	e80	206
22	53	888	333	904	1690	529	361	571	84	127	e72	147
23	59	610	246	595	1710	589	1960	524	63	119	e64	655
24	64	547	255	487	1300	797	5720	431	59	108	58	1520
25	65	684	246	604	979	907	6760	375	61	108	55	1480
26	71	2260	229	682	745	1680	5960	334	60	93	53	1900
27	74	2490	223	614	435	1980	6870	294	70	85	57	3710
28	71	2180	220	338	783	4280	5270	270	106	80	55	2640
29	80	1240	221	383	---	5060	3950	260	131	86	57	1950
30	75	815	280	437	---	2650	2770	240	504	109	83	1390
31	85	---	3400	415	---	1650	---	221	---	143	595	---
TOTAL	2205	18059	21855	232789	51422	34719	66473	15645	5727	5431	2952	22537
MEAN	71.1	602	705	7509	1836	1120	2216	505	191	175	95.2	751
MAX	140	2490	3400	25400	6090	5060	6870	1600	654	1070	595	3710
MIN	41	72	207	338	246	353	191	221	59	68	53	44

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1921-2005 BY WATER YEAR (WY)

MEAN	190	436	846	1354	1406	1769	1545	926	735	439	240	178
MAX	2626	3426	4794	7509	4072	5231	4706	3865	3407	3599	1584	2285
(WY)	1927	1973	1991	2005	1975	1963	1957	1996	1947	1992	1995	1926
MIN	28.2	15.1	13.0	29.3	30.9	249	152	46.4	57.8	37.2	29.4	25.6
(WY)	1922	1954	1953	1992	1964	1941	1946	1925	1955	1921	1921	1965

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1921-2005		
ANNUAL TOTAL	430578		479814				
ANNUAL MEAN	1176		1315		837		
HIGHEST ANNUAL MEAN					1458		1973
LOWEST ANNUAL MEAN					190		1934
HIGHEST DAILY MEAN	13300	Jan 5	25400	Jan 6	42900	Jan 22	1959
LOWEST DAILY MEAN	29	Jan 28	41	Oct 14	0.40	Nov 8	1924
ANNUAL SEVEN-DAY MINIMUM	46	Oct 14	46	Oct 14	1.1	Nov 14	1953
MAXIMUM PEAK FLOW			27300	Jan 6	55200	Jan 22	1959
MAXIMUM PEAK STAGE			15.88	Jan 6	22.04	Jan 22	1959
INSTANTANEOUS LOW FLOW					7.1	Dec 6	1999
10 PERCENT EXCEEDS	3080		3070		2300		
50 PERCENT EXCEEDS	498		375		216		
90 PERCENT EXCEEDS	71		69		42		

e Estimated.

03223425 Whetstone Creek at Mount Gilead, Ohio

LOCATION.—Latitude 40°32′56″, longitude 82°49′17″, Morrow County, Hydrologic Unit 05060001, on right downstream bank at State Route 95 bridge on east side of Mount Gilead, Ohio, and 0.3 mi downstream from Mount Gilead Lakes in Mount Gilead State Park.
DRAINAGE AREA.—37.9 mi^2.
PERIOD OF RECORD.—October 1996 to current year.
GAGE.—Water-stage recorder and crest gage. Datum of gage is 1,074.00 ft above sea level.
REMARKS.—Records fair except for periods of estimated record, 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	1.6	4.6	97	409	e12	35	34	45	5.8	105	5.6	144
2	1.7	5.7	66	150	e11	e30	130	36	5.2	31	4.5	50
3	1.6	17	40	565	e10.5	e27	474	30	4.4	11	3.8	30
4	1.7	22	29	595	e10	e31	385	25	4.1	6.7	4.0	20
5	1.6	20	23	691	e9.4	26	109	22	3.8	17	49	15
6	1.4	15	20	1140	14	47	65	19	13	19	49	11
7	1.6	9.9	24	247	57	75	51	17	13	7.5	22	8.5
8	1.4	6.9	48	327	574	e50	43	15	6.4	5.1	12	6.9
9	1.6	5.0	41	182	227	e33	35	13	4.7	3.6	7.1	5.8
10	1.5	4.3	47	106	e100	e24	29	12	3.9	2.5	5.2	5.4
11	1.4	4.3	51	200	e58	22	25	12	3.5	1.9	4.5	5.0
12	1.7	4.8	53	1190	e39	e21	21	13	3.3	1.8	4.1	4.6
13	3.5	4.6	46	373	36	e20	18	11	3.2	2.0	4.8	4.3
14	4.3	4.0	35	e630	43	e19	15	31	3.1	2.6	171	4.1
15	3.6	3.7	27	e320	64	e20	14	52	3.1	3.2	55	4.1
16	3.4	3.5	23	e160	69	e22	12	32	3.5	4.3	31	10
17	2.7	4.1	20	e94	e70	27	12	21	2.8	4.9	20	7.7
18	3.3	13	18	e72	e47	27	12	15	2.3	5.3	13	6.3
19	4.0	46	e15	e58	e35	30	11	14	2.1	137	10	4.9
20	3.9	66	e12	47	e33	66	12	30	2.0	42	8.6	3.5
21	3.4	42	e10.5	e40	67	46	21	31	2.0	24	21	2.3
22	3.2	26	e11.5	e34	54	34	20	19	1.8	67	13	2.0
23	3.6	19	e14	e29	36	33	175	18	1.6	53	7.0	27
24	4.4	21	e17.5	e25	e28	36	244	17	1.5	27	4.8	25
25	4.6	65	e15	e22	e25	39	262	13	1.8	11	3.5	15
26	3.9	47	e13	e20	e24	78	207	9.6	26	9.7	3.2	178
27	3.7	30	e12	e18	e22	54	204	8.0	4.3	89	4.1	109
28	3.5	32	e11	e16	25	237	87	9.3	3.2	59	8.5	42
29	4.3	31	e10	e15	---	129	60	11	5.6	26	9.3	51
30	5.9	26	e28	e14	---	62	54	8.6	68	14	14	40
31	7.1	---	e520	e13	---	44	---	6.8	---	8.1	596	---
TOTAL	95.1	603.4	1397.5	7802	1799.9	1444	2841	616.3	209.0	801.2	1168.6	842.4
MEAN	3.07	20.1	45.1	252	64.3	46.6	94.7	19.9	6.97	25.8	37.7	28.1
MAX	7.1	66	520	1190	574	237	474	52	68	137	596	178
MIN	1.4	3.5	10	13	9.4	19	11	6.8	1.5	1.8	3.2	2.0

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997-2005 BY WATER YEAR (WY)

MEAN	7.70	20.3	50.5	72.0	58.6	62.8	79.3	58.9	58.6	13.4	7.84	12.6
MAX	32.2	55.1	133	252	90.6	96.6	131	120	214	43.1	37.7	70.7
(WY)	2002	2004	1997	2005	2000	1997	2000	2004	1998	2003	2005	2003
MIN	0.84	3.95	14.4	17.8	20.5	20.4	20.4	10.5	3.43	1.18	1.01	0.13
(WY)	2003	2000	1999	2001	2003	2001	1997	1999	1999	2002	2002	1998

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1997-2005		
ANNUAL TOTAL	17841.1		19620.4				
ANNUAL MEAN	48.7		53.8		41.7		
HIGHEST ANNUAL MEAN					56.5		2004
LOWEST ANNUAL MEAN					28.3		2001
HIGHEST DAILY MEAN	678	Jan 4	1190	Jan 12	2060	Jun 29	1998
LOWEST DAILY MEAN	1.3	Aug 18	1.4	Oct 6	0.07	Sep 14	1998
ANNUAL SEVEN-DAY MINIMUM	1.5	Aug 12	1.5	Oct 5	0.07	Sep 13	1998
MAXIMUM PEAK FLOW			1730	Jan 12a	5650	Jun 27	1998
MAXIMUM PEAK STAGE			8.60	Jan 12	13.64	Jun 27	1998
INSTANTANEOUS LOW FLOW			1.1	Jun 24	0.07	Sep 14	1998
10 PERCENT EXCEEDS	100		105		94		
50 PERCENT EXCEEDS	20		18		12		
90 PERCENT EXCEEDS	2.5		3.3		1.5		

a Peaks above base shown in table of peak discharges and stages at continuous-record surface-water-discharge stations.
e Estimated.

03225500 Olentangy River near Delaware, Ohio

LOCATION.—Latitude 40°21′18″, longitude 83°04′02″, in NE ¼ T.5 N., R.19 W., Delaware County, Hydrologic Unit 05060001, on left bank 500 ft upstream from main county road bridge, 1,000 ft downstream from Delaware Dam, 1300 ft upstream from Norfolk and Western Railway bridge, and 4 mi north of Delaware, Ohio.

DRAINAGE AREA.—393 mi^2.

PERIOD OF RECORD.—October 1923 to September 1934, April 1938 to current year. Monthly discharge only for some periods, published in WSP 1305.

GAGE.—Water-stage recorder and concrete control. Datum of gage is 878.00 ft above sea level (levels by U.S. Army Corps of Engineers). Prior to Oct. 1950, water-stage recorder at this site 500 ft downstream at datum 1.72 ft lower; Oct. 1, 1950-Sept. 30, 1985, at datum 78.42 ft lower.

REMARKS.—Records good. Flow completely regulated by Delaware Lake since 1951. Water-quality data formerly collected at this site. Water-temperature data collected at this site. U.S. Army Corps of Engineers satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 14,100 ft^3/s, Mar. 21, 1927, gage height, 16.9 ft, site and datum then in use; minimum daily, 0.1 ft^3/s Sept. 14-29, 1934.

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	19	14	586	281	172	333	320	876	53	744	64	1280
2	20	5.9	786	1630	125	331	372	727	24	595	47	517
3	20	6.3	419	1480	125	243	410	365	65	195	42	230
4	20	6.6	193	79	125	206	2080	249	68	71	42	96
5	19	11	193	189	125	210	2890	198	68	40	43	61
6	20	742	330	215	125	213	1430	160	69	41	42	48
7	20	994	100	59	215	608	551	114	54	86	75	48
8	21	540	228	66	1310	639	273	136	47	50	125	48
9	22	157	411	1160	2720	361	114	156	52	35	125	30
10	22	95	332	4310	3380	117	114	106	52	35	68	18
11	21	62	307	3250	2820	78	282	99	137	35	44	18
12	21	63	309	1990	1350	122	374	117	208	35	40	17
13	23	63	513	4340	882	120	314	116	122	35	37	18
14	22	63	367	4360	881	60	94	119	47	35	38	18
15	22	63	136	4320	990	7.7	75	306	38	35	134	18
16	17	63	138	4310	898	6.6	111	390	33	36	291	19
17	17	82	144	4320	1320	380	111	184	33	235	202	19
18	18	122	158	4330	720	618	111	110	33	368	67	19
19	19	144	158	4310	320	362	111	147	33	163	43	16
20	17	138	95	4310	320	126	111	168	21	239	43	17
21	18	514	87	4320	325	285	111	111	14	321	43	29
22	18	650	179	4270	994	449	104	155	15	143	31	22
23	18	417	119	4280	922	255	144	187	9.8	47	34	22
24	20	364	71	4190	447	254	1190	122	7.1	47	32	20
25	20	370	33	4160	273	257	1910	122	7.1	60	27	308
26	20	884	33	4150	208	266	3080	93	12	38	24	389
27	19	1090	172	3920	205	1120	1590	60	95	32	24	505
28	23	497	141	1420	286	1200	2230	100	213	125	24	784
29	26	323	96	154	---	1590	2550	120	141	122	24	351
30	26	340	152	154	---	1240	872	104	62	122	44	31
31	26	---	329	305	---	455	---	78	---	107	722	---
TOTAL	634	8883.8	7315	80632	22583	12512.3	24029	6095	1833.0	4272	2641	5016
MEAN	20.5	296	236	2601	807	404	801	197	61.1	138	85.2	167
MAX	26	1090	786	4360	3380	1590	3080	876	213	744	722	1280
MIN	17	5.9	33	59	125	6.6	75	60	7.1	32	24	16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951-2005 BY WATER YEAR (WY)

MEAN	80.4	275	443	523	644	740	572	421	321	242	113	77.3
MAX	560	1442	1683	2601	2073	2087	1537	1618	1247	1723	1259	729
(WY)	1987	1973	1991	2005	1959	1963	1964	1996	1981	1987	1995	2003
MIN	10.8	6.53	7.81	20.5	18.4	117	16.3	33.1	8.19	12.6	18.2	13.9
(WY)	1965	1992	1992	1954	1964	1983	1971	1962	1962	1988	1988	1967

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1951-2005		
ANNUAL TOTAL	179187.8		176446.1				
ANNUAL MEAN	490		483		369		
HIGHEST ANNUAL MEAN					609		1973
LOWEST ANNUAL MEAN					137		1954
HIGHEST DAILY MEAN	4210	Jun 21	4360	Jan 14	5440	Feb 1	1959
LOWEST DAILY MEAN	5.9	Nov 2	5.9	Nov 2	1.0	Apr 15	1986
ANNUAL SEVEN-DAY MINIMUM	14	Oct 30	12	Jan 20	3.4	Apr 15	1986
MAXIMUM PEAK FLOW			4480	Jan 13	6000	Jan 31	1959
MAXIMUM PEAK STAGE			8.85	Jan 13	88.13	Jan 26	1952
INSTANTANEOUS LOW FLOW					1.0	Apr 15	1986
10 PERCENT EXCEEDS	1470		1290		1040		
50 PERCENT EXCEEDS	161		122		96		
90 PERCENT EXCEEDS	21		20		19		

03226800 Olentangy River near Worthington, Ohio

LOCATION.—Latitude 40°06′37″, longitude 83°01′55″, Franklin County, Hydrologic Unit 05060001, on left bank 350 ft downstream from Interstate Highway 270 bridge, 1.5 mi northwest of Worthington, Ohio, and 2.8 mi upstream from Rush Run.
DRAINAGE AREA.—497 mi^2.
PERIOD OF RECORD.—October 1955 to September 1984, October 1996 to current year.
REVISED RECORDS.—WSP 1625: 1952(M). WSP 1908. Drainage area. WDR Ohio 1972: 1971(M). WDR-OH-80-1: 1976(M), 1978(M).
GAGE.—Water-stage recorder. Datum of gage is 743.20 ft above sea level.
REMARKS.—Records excellent. Flow regulated by Delaware Lake 21 mi upstream. Water-quality and sediment data formerly collected at this site.
EXTREMES OUTSIDE PERIOD OF RECORD.—Flood in Jan. 1952, reached a stage of 15.3 ft, discharge 15,000 ft^3/s, from information by U.S. Army Corps of Engineers.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26	42	848	1410	264	510	393	951	93	624	104	1640
2	21	54	1040	1500	176	427	1270	1050	70	927	66	748
3	22	103	671	4760	169	363	1610	446	41	261	49	323
4	25	142	262	1530	164	267	1850	379	80	146	44	127
5	25	117	239	3970	167	283	3710	246	79	95	324	82
6	24	394	356	4500	181	331	2130	244	107	87	114	65
7	24	1120	278	885	321	498	759	171	87	56	63	63
8	24	865	200	893	2140	836	506	157	70	96	99	63
9	25	236	494	640	3150	457	211	198	60	59	136	60
10	26	133	574	4950	4150	318	190	180	64	39	132	50
11	27	99	450	5510	3680	111	231	117	62	40	67	30
12	28	109	424	5910	1830	172	424	148	204	40	48	27
13	56	82	571	5830	1010	188	410	142	186	46	47	26
14	64	73	483	6260	1090	176	262	225	110	48	54	25
15	76	71	311	5200	1170	101	98	234	66	45	74	26
16	72	80	127	5040	1200	60	128	438	65	275	263	144
17	41	102	160	4980	1370	293	154	331	47	118	312	75
18	86	189	188	4960	1230	553	162	140	41	386	133	42
19	147	289	202	4920	380	456	157	239	39	337	75	35
20	72	310	185	4930	380	370	156	503	39	117	68	35
21	38	421	190	4940	460	133	211	193	33	415	66	29
22	23	726	207	4900	820	559	199	151	20	292	52	33
23	47	577	330	4880	1280	539	1420	253	16	89	41	308
24	127	477	347	4810	539	400	1770	181	17	39	38	176
25	80	573	176	4740	401	398	2880	157	35	140	38	118
26	58	806	124	4750	257	549	3280	150	21	103	34	1100
27	52	1310	106	4660	245	871	3130	101	11	66	66	347
28	49	1040	822	2570	308	2760	2030	94	193	56	56	961
29	62	331	313	221	---	2000	3740	140	224	143	270	655
30	54	501	282	200	---	1820	1230	136	354	126	416	136
31	53	---	2510	317	---	715	---	111	---	124	1450	---
TOTAL	1554	11372	13470	115566	28532	17514	34701	8206	2534	5435	4799	7549
MEAN	50.1	379	435	3728	1019	565	1157	265	84.5	175	155	252
MAX	147	1310	2510	6260	4150	2760	3740	1050	354	927	1450	1640
MIN	21	42	106	200	164	60	98	94	11	39	34	25

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

MEAN	94.1	313	566	701	761	968	779	555	420	256	147	120
MAX	576	1797	1772	3728	2368	2517	2033	1432	1674	1672	801	1118
(WY)	1973	1973	1978	2005	1959	1963	1964	2004	2004	1992	1980	2003
MIN	11.9	25.7	12.1	17.7	27.2	139	40.0	62.7	15.6	26.9	31.9	17.6
(WY)	1965	1964	1964	1977	1964	1983	1971	1962	1962	2001	2001	1964

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1956-2005		
ANNUAL TOTAL	253558		251232				
ANNUAL MEAN	693		688		470		
HIGHEST ANNUAL MEAN					823		2004
LOWEST ANNUAL MEAN					269		1977
HIGHEST DAILY MEAN	4890	Jan 9	6260	Jan 14	10800	Jan 21	1959
LOWEST DAILY MEAN	21	Oct 2	11	Jun 27	6.5	Dec 28	1991
ANNUAL SEVEN-DAY MINIMUM	24	Oct 2	22	Jun 21	8.0	Jan 7	1992
MAXIMUM PEAK FLOW			8360	Jan 12	16500	Jan 21	1959
MAXIMUM PEAK STAGE			10.27	Jan 12	15.68	Jan 21	1959
INSTANTANEOUS LOW FLOW			10	Jun 27	5.2	Jul 12	2001
10 PERCENT EXCEEDS	2150		1910		1350		
50 PERCENT EXCEEDS	258		190		145		
90 PERCENT EXCEEDS	46		39		26		

03227500 Scioto River at Columbus, Ohio

LOCATION.—Latitude 39°54′34″, longitude 83°00′33″, Franklin County, Hydrologic Unit 05060001, on right bank at Jackson Pike Wastewater Treatment Plant, Columbus, Ohio, 0.4 mi downstream from bridge on Frank Road, 2.8 mi upstream from Scioto Big Run, and 5 mi downstream from Olentangy River.
DRAINAGE AREA.—1,629 mi^2.
PERIOD OF RECORD.—October 1920 to current year. Monthly discharge only for some periods, published in WSP 1305.
REVISED RECORDS.—WSP 743: 1927(M). WSP 803: 1922-24, 1926-30, 1932-33. WSP 1908: Drainage area.
GAGE.—Water-stage recorder. Datum of gage is 680.00 ft above sea level. Prior to Oct. 1, 1924, nonrecording gage at site 200 ft upstream at same datum.
REMARKS.—Records good except for periods of estimated record, which are fair. Flow regulated by Griggs Reservoir (see station 03221500), O'Shaughnessy Reservoir (see station 03220500), and Delaware Lake upstream from station. Records include sewage return flow from Jackson Pike Wastewater Treatment Plant. Shadeville Treatment Plant flow enters downstream. For statement on diversions from Big Walnut Creek, see REMARKS for station 03229500. Water-quality data formerly collected at this site. U.S. Army Corps of Engineers satellite telemeter at station.
EXTREMES OUTSIDE PERIOD OF RECORD.—Flood of Mar. 25, 1913, reached a stage of 25.9 ft; discharge, 138,000 ft^3/s, estimated by Franklin County Conservancy District.

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	173	208	2170	9900	982	e1760	2200	3370	422	2450	325	3430
2	174	230	2590	10600	695	1660	3760	2780	390	2410	283	3110
3	171	410	2730	17200	763	1640	8960	1880	340	1100	234	1800
4	167	683	2020	17100	716	1140	6700	1450	335	643	212	985
5	152	632	1330	24600	703	1330	7530	1100	342	648	425	576
6	152	634	1050	49100	677	1340	5440	980	344	566	577	407
7	151	1780	1170	22000	803	2020	2940	859	351	380	282	350
8	149	1600	985	14700	4720	2980	2040	750	344	344	239	316
9	146	839	1250	12600	8790	2410	1320	719	386	343	301	284
10	142	517	1820	12500	10300	1820	1030	712	423	262	298	264
11	148	491	1530	13700	9190	1160	984	633	417	221	274	222
12	146	774	1470	26900	6380	990	1250	739	438	228	209	192
13	245	444	1620	26600	4030	906	1160	578	1090	294	204	182
14	235	371	1550	25200	3420	944	949	1030	768	358	286	190
15	364	357	1080	17600	3730	827	735	875	490	241	215	183
16	265	307	793	14100	3930	582	497	967	e389	634	287	588
17	194	394	717	12000	4330	575	551	1030	e342	1010	493	436
18	778	848	666	9730	4440	1010	578	777	292	481	378	412
19	962	1070	715	8020	2840	1420	628	899	266	747	288	734
20	308	901	514	7120	2190	1130	558	3480	247	427	227	621
21	191	667	467	6430	1990	735	1140	1590	233	528	345	415
22	184	1510	532	6080	2450	1070	875	1030	210	629	216	316
23	190	1520	859	5750	3590	1940	4310	963	180	402	194	472
24	464	1190	601	5370	2620	1620	7790	870	177	264	180	e2200
25	299	1230	535	5340	2010	1970	10100	692	195	251	177	e2400
26	262	2330	452	5550	1580	2580	9130	620	505	470	182	e3800
27	244	3390	412	5400	977	3150	10800	547	182	339	220	e4300
28	237	3500	496	4140	1290	8260	7620	528	377	283	274	e3700
29	205	1980	580	1050	---	8310	8070	588	702	288	857	3620
30	271	1610	866	918	---	5760	5070	513	1090	322	1030	2420
31	225	---	4530	877	---	3440	---	543	---	320	4830	---
TOTAL	7994	32417	38100	398175	90136	66479	114715	34092	12267	17883	14542	38925
MEAN	258	1081	1229	12840	3219	2144	3824	1100	409	577	469	1298
MAX	962	3500	4530	49100	10300	8310	10800	3480	1090	2450	4830	4300
MIN	142	208	412	877	677	575	497	513	177	221	177	182

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1921-2005, BY WATER YEAR (WY)

MEAN	382	848	1521	2273	2372	2980	2535	1632	1320	828	484	378
MAX	4633	5490	7274	12840	5993	8373	6865	6175	5866	5804	3287	3883
(WY)	1927	1973	1991	2005	1975	1963	1964	1996	1947	1992	1995	1926
MIN	60.5	71.7	71.1	96.1	110	493	322	132	97.6	85.5	82.0	66.4
(WY)	1922	1923	1935	1945	1934	1941	1946	1934	1925	1921	1930	1924

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1921-2005		
ANNUAL TOTAL	723870		865725				
ANNUAL MEAN	1978		2372		1452		
HIGHEST ANNUAL MEAN					2514		1973
LOWEST ANNUAL MEAN					305		1934
HIGHEST DAILY MEAN	21700	Jan 5	49100	Jan 5	49100	Jan 6	2005
LOWEST DAILY MEAN	142	Oct 10	142	Oct 10	47	Sep 6	1930
ANNUAL SEVEN-DAY MINIMUM	148	Oct 6	148	Oct 6	53	Sep 5	1930
MAXIMUM PEAK FLOW			64600	Jan 6	68200	Jan 22	1959
MAXIMUM PEAK STAGE			26.61	Jan 6	27.22	Jan 22	1959
INSTANTANEOUS LOW FLOW					47	Sep 6	1930
10 PERCENT EXCEEDS	5880		6200		4010		
50 PERCENT EXCEEDS	889		763		481		
90 PERCENT EXCEEDS	225		218		121		

e Estimated.

03228300 Big Walnut Creek at Sunbury, Ohio

LOCATION.—Latitude 40°14′10″, longitude 82°51′05″, Delaware County, Hydrologic Unit 05060001, on left bank 200 ft downstream from bridge on State Highway 37, 0.1 mi downstream from Rattlesnake Creek, 0.6 mi east of Sunbury, Ohio, and 0.9 mi upstream from Prairie Run.
DRAINAGE AREA.—101 mi^2.

Water-Discharge Records

PERIOD OF RECORD.—October 1988 to current year.
GAGE.—Water-stage recorder. Elevation of gage is 945 ft above sea level (from topographic map).
REMARKS.—Records fair except for periods of estimated record and flows below 0.5 ft^3/s, which are poor. Water-quality data collected at this 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	3.4	11	652	e650	e15	68	76	124	16	22	0.10	205
2	1.3	13	246	e300	e13	41	676	84	14	13	0.07	49
3	1.7	53	150	e950	e12	35	944	63	12	5.5	0.04	e20
4	0.40	230	108	e2800	e11	36	554	48	11	2.9	0.03	e12
5	0.32	158	82	e2050	e10	100	198	38	11	2.9	0.67	e6.8
6	0.21	72	68	e5000	e20	165	115	33	18	6.4	2.0	4.2
7	0.16	49	118	e660	e100	207	87	31	14	4.7	2.7	3.3
8	0.19	36	169	86	432	89	79	29	11	3.6	0.68	2.6
9	0.28	29	146	102	164	42	59	25	7.8	2.0	0.25	1.7
10	0.39	24	424	127	45	48	48	23	9.5	1.8	0.14	1.1
11	0.42	23	224	199	37	71	41	22	7.7	0.80	0.09	0.69
12	0.70	26	216	3640	81	75	36	22	6.9	0.32	0.06	0.44
13	1.3	29	140	1130	102	54	31	20	6.2	0.16	0.04	0.20
14	2.1	25	81	490	204	58	26	64	7.3	0.11	0.03	0.14
15	3.4	22	46	30	292	61	22	79	7.7	1.6	0.07	0.11
16	5.5	21	74	20	208	50	19	50	5.8	23	0.16	0.48
17	6.2	23	97	10	95	51	18	34	4.8	52	0.11	0.88
18	8.3	76	79	9.9	36	47	18	27	4.2	13	0.06	0.67
19	28	241	e58	17	44	44	16	25	3.6	16	0.04	1.2
20	20	345	e45	21	82	84	14	199	2.0	10	0.05	1.3
21	13	158	e37	e12	179	71	19	73	0.28	7.1	0.06	1.3
22	9.7	88	e32	e9.2	132	53	29	42	0.21	4.1	0.03	0.50
23	10	75	e39	e7.6	87	218	627	35	0.16	2.8	0.02	44
24	24	109	e54	e9.2	60	169	951	59	0.12	1.9	0.00	53
25	28	196	e47	e24	46	194	872	39	0.09	3.1	0.00	25
26	20	119	e40	e14	73	277	454	29	0.10	3.5	0.00	316
27	15	84	e33	e11	66	141	613	24	0.39	2.3	0.05	227
28	12	121	e30	e10	100	1050	218	22	0.47	1.2	0.07	77
29	9.1	103	e50	e13	---	506	127	25	0.56	0.69	28	89
30	9.5	96	e150	e25	---	192	144	23	4.8	0.39	45	78
31	12	---	e1500	e18	---	112	---	19	---	0.17	881	---
TOTAL	246.57	2655	5235	18444.9	2746	4409	7131	1430	187.68	209.04	961.62	1222.61
MEAN	7.95	88.5	169	595	98.1	142	238	46.1	6.26	6.74	31.0	40.8
MAX	28	345	1500	5000	432	1050	951	199	18	52	881	316
MIN	0.16	11	30	7.6	10	35	14	19	0.09	0.11	0.00	0.11
CFSM	0.08	0.88	1.67	5.89	0.97	1.41	2.35	0.46	0.06	0.07	0.31	0.40
IN.	0.09	0.98	1.93	6.79	1.01	1.62	2.63	0.53	0.07	0.08	0.35	0.45

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989-2005 BY WATER YEAR (WY)

MEAN	14.4	65.1	132	193	155	167	199	161	144	71.0	35.4	29.0
MAX	81.2	256	585	595	424	354	334	398	338	348	167	323
(WY)	1991	1993	1991	2005	1990	1993	1996	1996	1989	1992	1995	2003
MIN	0.00	0.05	0.72	16.4	12.4	46.0	36.7	17.0	1.29	0.15	0.01	0.01
(WY)	1992	1992	1992	1992	2003	1990	1997	1999	1999	1991	1991	1991

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1989-2005		
ANNUAL TOTAL	55443.62		44878.42				
ANNUAL MEAN	151		123		114		
HIGHEST ANNUAL MEAN					159		1996
LOWEST ANNUAL MEAN					67.4		1992
HIGHEST DAILY MEAN	3140	Jun 14	5000	Jan 6	5000	Jan 6	2005
LOWEST DAILY MEAN	0.16	Oct 7	0.00	Aug 24	0.00	Jul 24	1991
ANNUAL SEVEN-DAY MINIMUM	0.28	Oct 4	0.02	Aug 20	0.00	Jul 24	1991
MAXIMUM PEAK FLOW			6320	Jan 12a	6700	Jun 1	1997
MAXIMUM PEAK STAGE			11.24	Jan 12	11.86	Dec 20	1990
INSTANTANEOUS LOW FLOW					0.00	Jul 24	1991
ANNUAL RUNOFF (CFSM)	1.50		1.22		1.12		
ANNUAL RUNOFF (INCHES)	20.42		16.53		15.28		
10 PERCENT EXCEEDS	347		217		256		
50 PERCENT EXCEEDS	41		25		28		
90 PERCENT EXCEEDS	3.7		0.21		0.25		

a Peaks above base shown in table of peak discharges and stages at continuous-record surface-water-discharge stations.
e Estimated.

03228300 Big Walnut Creek at Sunbury, Ohio—Continued

Water-Quality Records

PERIOD OF RECORD.—April 2000 to current year.
PERIOD OF DAILY RECORD—
SPECIFIC CONDUCTANCE: April 2000 to current year.
pH: April 2000 to current year.
WATER TEMPERATURE: April 2000 to current year.
DISSOLVED OXYGEN: April 2000 to current year.
INSTRUMENTATION.—Water-quality monitor. Electronic data logger. Set for 1-hour interval. Satellite telemeter at station.
REMARKS.—Seasonal site. Additional interruptions in the water-quality record are due to malfunction of the equipment. Specific conductance records are good. pH records are good except for Oct. 1-Dec. 8, which are fair. Water temperature records are good. Dissolved oxygen records are fair except Oct. 1- 7, Nov. 4-Dec. 8, and Apr. 7 and 12-27, which are poor.
EXTREMES FOR PERIOD OF RECORD.—
SPECIFIC CONDUCTANCE: Maximum, 999 microsiemens, Dec. 4, 2002; minimum, 126 microsiemens, June 14, 2004.
pH: Maximum, 9.0 units, May 3-4, 2005; minimum, 6.5 units, Apr. 18, 2001.
WATER TEMPERATURE: Maximum, 33°C, July 24 and Aug. 16, 2000; minimum, 0.2°C, Dec. 13, 2003.
DISSOLVED OXYGEN: Maximum, 20 mg/L, Sept. 1 and 29, 2000, and Aug. 20, 2001; minimum, 0.3 mg/L, June 16, 2004.
EXTREMES FOR CURRENT YEAR.—
SPECIFIC CONDUCTANCE: Maximum, 728 microsiemens, Oct. 20; minimum, 241 microsiemens, Aug. 31.
pH: Maximum, 9.0 units, May 3-4; minimum, 7.0 units, Nov. 6.
WATER TEMPERATURE: Maximum, 29.1°C, Aug. 13; minimum, 2.8°C, Dec. 4.
DISSOLVED OXYGEN: Maximum, 16.2 mg/L, Nov. 15; minimum, 2.0 mg/L, Aug. 21.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 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	636	613	628	671	659	666	531	317	372	---	---	---
2	642	627	636	679	656	669	466	358	415	---	---	---
3	646	626	638	667	647	659	527	466	497	---	---	---
4	649	628	641	654	325	498	562	527	545	---	---	---
5	654	632	645	444	325	385	587	562	575	---	---	---
6	657	638	650	519	444	484	600	585	591	---	---	---
7	661	638	652	571	519	544	607	492	578	---	---	---
8	663	637	652	599	571	584	---	---	---	---	---	---
9	666	638	654	623	599	609	---	---	---	---	---	---
10	671	650	662	628	613	622	---	---	---	---	---	---
11	673	647	663	639	627	634	---	---	---	---	---	---
12	675	649	664	653	627	637	---	---	---	---	---	---
13	674	647	663	664	647	657	---	---	---	---	---	---
14	673	658	665	669	649	660	---	---	---	---	---	---
15	679	645	658	665	640	655	---	---	---	---	---	---
16	680	652	668	661	638	652	---	---	---	---	---	---
17	688	676	684	664	634	652	---	---	---	---	---	---
18	694	641	674	641	616	630	---	---	---	---	---	---
19	720	645	683	627	463	529	---	---	---	---	---	---
20	728	644	685	463	423	431	---	---	---	---	---	---
21	646	638	642	515	438	480	---	---	---	---	---	---
22	656	639	647	558	515	537	---	---	---	---	---	---
23	656	625	647	592	558	575	---	---	---	---	---	---
24	633	617	628	626	552	597	---	---	---	---	---	---
25	657	618	643	552	455	482	---	---	---	---	---	---
26	640	620	628	528	481	507	---	---	---	---	---	---
27	628	613	622	565	528	547	---	---	---	---	---	---
28	634	616	627	576	515	560	---	---	---	---	---	---
29	638	627	632	515	482	495	---	---	---	---	---	---
30	654	632	643	553	507	534	---	---	---	---	---	---
31	662	646	656	---	---	---	---	---	---	---	---	---
MONTH	728	613	651	679	325	572	607	317	510	---	---	---

03228300 Big Walnut Creek at Sunbury, Ohio—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—Continued

DAY	FEBUARY			MARCH			APRIL			MAY		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
1	---	---	---	---	---	---	---	---	---	476	450	461
2	---	---	---	---	---	---	---	---	---	475	459	465
3	---	---	---	---	---	---	---	---	---	494	470	482
4	---	---	---	---	---	---	---	---	---	514	483	499
5	---	---	---	---	---	---	---	---	---	511	477	496
6	---	---	---	---	---	---	---	---	---	501	484	493
7	---	---	---	---	---	---	---	---	---	506	494	499
8	---	---	---	---	---	---	---	---	---	515	506	510
9	---	---	---	---	---	---	---	---	---	530	515	522
10	---	---	---	---	---	---	---	---	---	542	530	535
11	---	---	---	---	---	---	---	---	---	553	528	544
12	---	---	---	---	---	---	---	---	---	567	538	555
13	---	---	---	---	---	---	531	473	509	572	565	569
14	---	---	---	---	---	---	532	487	515	573	538	550
15	---	---	---	---	---	---	534	496	519	554	540	545
16	---	---	---	---	---	---	534	509	523	547	538	543
17	---	---	---	---	---	---	539	515	530	540	530	536
18	---	---	---	---	---	---	549	529	540	543	536	540
19	---	---	---	---	---	---	553	534	545	553	521	544
20	---	---	---	---	---	---	559	542	551	527	389	454
21	---	---	---	---	---	---	560	545	551	509	432	477
22	---	---	---	---	---	---	568	549	560	526	509	518
23	---	---	---	---	---	---	563	291	468	548	526	536
24	---	---	---	---	---	---	335	290	315	554	538	549
25	---	---	---	---	---	---	330	306	313	544	534	538
26	---	---	---	---	---	---	369	315	338	554	542	547
27	---	---	---	---	---	---	374	280	322	568	554	563
28	---	---	---	---	---	---	421	347	386	574	563	569
29	---	---	---	---	---	---	460	421	441	575	564	570
30	---	---	---	---	---	---	483	459	472	583	567	575
31	---	---	---	---	---	---	---	---	---	582	569	575
MONTH	---	---	---	---	---	---	568	280	467	583	389	528

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
1	586	569	579	551	486	530	573	555	566	425	306	378
2	589	578	583	558	542	550	586	566	577	455	453	454
3	593	573	587	544	528	538	591	569	582	---	---	---
4	601	582	592	550	521	541	593	571	585	---	---	---
5	606	585	598	556	490	530	593	449	512	---	---	---
6	592	575	580	540	486	517	501	450	472	511	497	506
7	589	567	579	550	524	538	512	492	504	520	508	513
8	582	565	574	555	529	546	517	493	508	526	509	519
9	587	561	580	557	531	549	526	508	519	531	448	499
10	585	568	580	555	529	549	542	522	533	501	471	492
11	590	575	583	561	524	548	553	529	543	524	499	512
12	593	574	585	565	531	552	561	532	549	534	512	523
13	600	585	594	564	538	553	566	543	555	562	531	549
14	604	543	587	566	546	557	571	552	563	568	555	562
15	586	574	579	571	431	544	576	541	558	578	562	570
16	590	573	585	500	304	422	559	515	539	581	471	521
17	592	572	585	450	372	399	560	541	551	537	509	520
18	594	567	585	437	405	423	571	552	561	555	537	546
19	596	567	586	469	416	440	577	558	568	555	523	539
20	598	567	587	478	454	466	580	528	564	546	532	539
21	606	574	594	484	444	464	565	543	553	553	541	548
22	613	583	602	489	466	478	579	551	563	561	544	553
23	614	586	603	502	479	493	577	553	565	551	385	470
24	614	583	602	510	479	498	575	559	567	445	384	409
25	613	584	600	518	370	474	580	553	569	507	445	486
26	611	580	598	483	395	443	577	556	570	507	345	432
27	594	564	581	519	483	504	588	512	564	458	349	412
28	593	566	582	530	503	519	545	527	535	497	458	477
29	591	556	577	537	508	526	548	281	412	541	462	498
30	591	436	543	538	513	529	426	332	399	474	458	463
31	---	---	---	555	534	548	366	241	270	---	---	---
MONTH	614	436	586	571	304	509	593	241	531	581	306	500
YEAR	728	241	547									

03228300 Big Walnut Creek at Sunbury, Ohio—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
1	8.2	7.5	7.9	8.2	7.3	7.7	8.1	7.7	7.8	---	---	---
2	8.0	7.3	7.5	8.1	7.4	7.7	8.1	7.8	8.0	---	---	---
3	8.0	7.1	7.3	8.0	7.2	7.8	8.4	7.7	8.1	---	---	---
4	8.2	7.2	7.4	8.0	7.1	7.7	8.4	7.2	8.2	---	---	---
5	8.2	7.1	7.9	7.9	7.3	7.7	8.5	7.2	8.2	---	---	---
6	8.2	7.1	7.5	8.1	7.0	8.0	8.3	7.8	8.2	---	---	---
7	8.2	7.1	7.5	8.2	7.3	8.0	8.4	7.8	8.1	---	---	---
8	8.2	7.2	7.9	8.3	7.3	8.1	---	---	---	---	---	---
9	8.1	7.2	7.4	8.4	7.3	8.1	---	---	---	---	---	---
10	8.1	7.2	7.4	8.3	7.2	8.2	---	---	---	---	---	---
11	8.3	7.3	8.0	8.2	7.3	8.0	---	---	---	---	---	---
12	8.3	7.2	8.0	8.4	7.3	8.2	---	---	---	---	---	---
13	8.1	7.2	7.4	8.3	7.3	8.1	---	---	---	---	---	---
14	8.0	7.2	7.4	8.4	7.3	8.2	---	---	---	---	---	---
15	8.1	7.2	7.9	8.5	7.2	8.2	---	---	---	---	---	---
16	8.1	7.2	8.0	8.4	7.9	8.2	---	---	---	---	---	---
17	8.2	7.2	7.3	8.3	7.6	8.1	---	---	---	---	---	---
18	8.1	7.1	7.6	8.3	7.6	8.1	---	---	---	---	---	---
19	8.1	7.2	7.8	8.1	7.5	7.9	---	---	---	---	---	---
20	8.1	7.3	7.7	7.9	7.3	7.7	---	---	---	---	---	---
21	8.1	7.2	7.8	8.0	7.3	7.6	---	---	---	---	---	---
22	8.0	7.2	7.8	8.2	7.2	8.1	---	---	---	---	---	---
23	8.2	7.4	8.0	8.4	7.5	8.1	---	---	---	---	---	---
24	8.0	7.2	7.5	8.1	7.7	8.0	---	---	---	---	---	---
25	8.0	7.2	7.6	8.1	7.5	8.0	---	---	---	---	---	---
26	8.2	7.4	7.8	8.3	7.3	8.1	---	---	---	---	---	---
27	8.1	7.3	7.8	8.1	7.3	7.8	---	---	---	---	---	---
28	8.3	7.2	7.9	8.3	7.2	8.1	---	---	---	---	---	---
29	8.2	7.3	7.9	8.3	7.6	8.1	---	---	---	---	---	---
30	7.9	7.4	7.7	8.4	7.6	8.1	---	---	---	---	---	---
31	8.0	7.2	7.8	---	---	---	---	---	---	---	---	---
MAX	8.3	7.5	8.0	8.5	7.9	8.2	8.5	7.8	8.2	---	---	---
MIN	7.9	7.1	7.3	7.9	7.0	7.6	8.1	7.2	7.8	---	---	---

DAY	FEBRUARY			MARCH			APRIL			MAY		
	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
1	---	---	---	---	---	---	---	---	---	8.8	8.1	8.4
2	---	---	---	---	---	---	---	---	---	8.9	8.2	8.5
3	---	---	---	---	---	---	---	---	---	9.0	8.2	8.6
4	---	---	---	---	---	---	---	---	---	9.0	8.3	8.6
5	---	---	---	---	---	---	---	---	---	8.9	8.3	8.6
6	---	---	---	---	---	---	---	---	---	8.7	8.2	8.4
7	---	---	---	---	---	---	---	---	---	8.5	8.1	8.3
8	---	---	---	---	---	---	---	---	---	8.5	8.1	8.2
9	---	---	---	---	---	---	---	---	---	8.4	8.0	8.1
10	---	---	---	---	---	---	---	---	---	8.3	8.0	8.1
11	---	---	---	---	---	---	---	---	---	8.3	8.0	8.0
12	---	---	---	---	---	---	---	---	---	8.2	8.0	8.2
13	---	---	---	---	---	---	8.9	8.2	8.5	8.4	8.2	8.2
14	---	---	---	---	---	---	8.8	8.2	8.5	8.2	8.1	8.2
15	---	---	---	---	---	---	8.8	8.2	8.4	8.4	8.1	8.2
16	---	---	---	---	---	---	8.7	8.2	8.4	8.4	8.1	8.3
17	---	---	---	---	---	---	8.7	8.2	8.3	8.5	8.2	8.3
18	---	---	---	---	---	---	8.6	8.1	8.3	8.5	8.2	8.3
19	---	---	---	---	---	---	8.6	8.1	8.2	8.4	8.2	8.3
20	---	---	---	---	---	---	8.6	8.1	8.2	8.2	7.9	8.0
21	---	---	---	---	---	---	8.6	8.1	8.2	8.3	7.9	8.1
22	---	---	---	---	---	---	8.4	8.2	8.2	8.3	8.1	8.2
23	---	---	---	---	---	---	8.2	7.7	8.1	8.5	8.2	8.3
24	---	---	---	---	---	---	7.8	7.7	7.8	8.4	8.2	8.3
25	---	---	---	---	---	---	7.8	7.7	7.8	8.6	8.2	8.3
26	---	---	---	---	---	---	8.1	7.8	7.9	8.6	8.2	8.3
27	---	---	---	---	---	---	8.0	7.7	7.9	8.6	8.2	8.3
28	---	---	---	---	---	---	8.4	8.0	8.1	8.6	8.2	8.3
29	---	---	---	---	---	---	8.6	8.1	8.2	8.6	8.2	8.3
30	---	---	---	---	---	---	8.5	8.1	8.2	8.6	8.2	8.3
31	---	---	---	---	---	---	---	---	---	8.6	8.2	8.3
MAX	---	---	---	---	---	---	8.9	8.2	8.5	9.0	8.3	8.6
MIN	---	---	---	---	---	---	7.8	7.7	7.8	8.2	7.9	8.0

03228300 Big Walnut Creek at Sunbury, Ohio—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—Continued

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
1	8.6	8.2	8.3	8.1	7.8	8.0	8.0	7.6	7.8	7.8	7.6	7.7
2	8.5	8.2	8.2	8.3	8.0	8.0	7.9	7.6	7.7	8.0	7.8	7.8
3	8.6	8.2	8.2	8.4	8.0	8.1	8.0	7.6	7.8	---	---	---
4	8.6	8.2	8.2	8.5	8.0	8.1	8.0	7.6	7.7	---	---	---
5	8.6	8.1	8.2	8.2	7.9	8.0	8.1	7.6	7.8	---	---	---
6	8.5	8.1	8.2	8.5	8.0	8.1	8.2	7.8	8.0	8.2	7.9	7.9
7	8.6	8.1	8.2	8.6	8.0	8.2	8.4	8.0	8.1	8.2	7.9	7.9
8	8.6	8.1	8.2	8.5	8.0	8.1	8.5	7.9	8.0	8.2	7.9	7.9
9	8.7	8.0	8.1	8.5	8.0	8.1	8.3	7.8	8.0	8.3	7.8	7.9
10	8.6	8.1	8.2	8.5	8.0	8.1	8.2	7.7	7.9	8.2	7.9	7.9
11	8.5	8.1	8.2	8.5	7.9	8.1	8.2	7.7	7.8	8.2	7.8	7.9
12	8.5	8.1	8.2	8.3	7.8	8.0	8.1	7.6	7.8	8.2	7.8	7.9
13	8.5	8.1	8.2	8.2	7.7	7.8	8.2	7.6	7.8	8.0	7.7	7.8
14	8.5	8.1	8.2	8.1	7.6	7.7	8.0	7.6	7.8	7.9	7.6	7.7
15	8.5	8.1	8.2	8.0	7.6	7.7	7.9	7.6	7.7	7.8	7.6	7.7
16	8.6	8.1	8.2	8.2	7.7	7.9	8.1	7.6	7.7	7.8	7.5	7.7
17	8.6	8.1	8.2	8.1	7.9	7.9	8.1	7.7	7.8	8.0	7.6	7.8
18	8.7	8.1	8.3	8.3	7.9	8.0	8.0	7.6	7.8	8.1	7.8	7.8
19	8.7	8.1	8.2	8.3	7.9	8.0	8.0	7.6	7.8	8.2	7.8	7.9
20	8.6	8.1	8.2	8.3	7.9	8.0	8.0	7.6	7.8	8.1	7.8	7.9
21	8.4	7.9	8.1	8.3	7.9	7.9	8.1	7.6	7.7	8.2	7.8	7.8
22	8.3	7.7	7.9	8.3	7.8	7.9	8.2	7.6	7.8	8.2	7.8	7.9
23	8.2	7.7	7.9	8.3	7.8	7.9	8.1	7.7	7.8	8.0	7.8	7.9
24	8.2	7.6	7.8	8.4	7.8	8.0	8.2	7.7	7.8	7.9	7.8	7.9
25	8.0	7.6	7.8	8.2	7.7	7.8	8.2	7.7	7.9	8.1	7.9	8.0
26	8.1	7.6	7.8	8.2	7.7	7.9	8.1	7.7	7.9	8.0	7.7	7.9
27	8.3	7.7	7.9	8.1	7.8	7.9	7.9	7.6	7.7	7.9	7.7	7.8
28	8.0	7.7	7.9	8.3	7.8	8.0	7.9	7.6	7.6	8.1	7.9	7.9
29	8.2	7.8	7.9	8.3	7.9	8.0	7.9	7.6	7.7	8.1	7.9	8.0
30	8.1	7.8	7.9	8.3	7.8	8.0	7.8	7.7	7.7	8.0	7.8	7.9
31	---	---	---	8.1	7.7	7.8	7.7	7.4	7.5	---	---	---
MAX	8.7	8.2	8.3	8.6	8.0	8.2	8.5	8.0	8.1	8.3	7.9	8.0
MIN	8.0	7.6	7.8	8.0	7.6	7.7	7.7	7.4	7.5	7.8	7.5	7.7

YEAR									
	MAX	MAXIMUM 9.0 MINIMUM 7.7	MIN	MAXIMUM 8.3 MINIMUM 7.0	MEDIAN	MAXIMUM 8.6 MINIMUM 7.3			

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	17.6	13.2	15.1	12.8	11.3	12.1	7.6	6.3	7.2	---	---	---
2	16.8	14.2	16.1	14.6	12.5	13.6	6.3	5.0	5.6	---	---	---
3	14.7	11.1	12.9	13.6	11.4	12.4	5.4	4.1	4.9	---	---	---
4	15.1	11.8	13.1	11.5	10.9	11.2	4.7	2.8	3.8	---	---	---
5	13.3	10.1	11.7	11.2	9.3	10.2	5.2	3.3	4.3	---	---	---
6	13.5	9.6	11.3	10.5	8.1	9.3	6.9	5.0	5.8	---	---	---
7	13.9	10.3	12.0	11.7	9.1	10.2	10.2	6.9	8.7	---	---	---
8	15.5	11.4	13.3	10.4	7.4	8.7	---	---	---	---	---	---
9	16.5	14.2	15.0	7.6	5.7	6.7	---	---	---	---	---	---
10	14.5	11.4	13.0	7.7	5.0	6.3	---	---	---	---	---	---
11	13.7	10.8	12.3	7.9	6.9	7.4	---	---	---	---	---	---
12	13.6	10.6	12.1	8.2	6.5	7.3	---	---	---	---	---	---
13	12.6	11.9	12.2	6.6	4.8	5.7	---	---	---	---	---	---
14	13.4	11.8	12.5	6.0	3.8	4.8	---	---	---	---	---	---
15	13.0	11.3	12.2	5.7	3.6	4.7	---	---	---	---	---	---
16	11.3	9.7	10.5	7.4	5.0	6.1	---	---	---	---	---	---
17	10.2	8.2	9.3	8.6	7.2	7.8	---	---	---	---	---	---
18	9.2	7.7	8.1	10.7	8.6	9.7	---	---	---	---	---	---
19	9.9	8.3	8.9	12.0	10.7	11.4	---	---	---	---	---	---
20	11.9	9.9	10.9	12.0	11.8	11.9	---	---	---	---	---	---
21	12.4	11.4	11.9	11.8	9.9	11.0	---	---	---	---	---	---
22	12.8	10.5	11.6	9.9	9.1	9.3	---	---	---	---	---	---
23	12.6	10.7	11.7	10.5	8.9	9.6	---	---	---	---	---	---
24	14.5	12.6	13.3	11.3	10.2	10.6	---	---	---	---	---	---
25	13.8	11.6	12.8	11.1	6.4	8.8	---	---	---	---	---	---
26	13.8	11.2	12.5	6.4	4.9	5.5	---	---	---	---	---	---
27	14.6	12.8	13.5	7.2	5.5	6.3	---	---	---	---	---	---
28	14.6	11.8	13.2	7.0	5.8	6.6	---	---	---	---	---	---
29	15.3	8.4	13.8	5.8	5.0	5.5	---	---	---	---	---	---
30	17.7	14.9	15.9	6.8	5.5	6.0	---	---	---	---	---	---
31	15.5	12.8	14.0	---	---	---	---	---	---	---	---	---
MONTH	17.7	7.7	12.5	14.6	3.6	8.6	10.2	2.8	5.8	---	---	---

03228300 Big Walnut Creek at Sunbury, Ohio—Continued

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

DAY	FEBRUARY			MARCH			APRIL			MAY		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
1	---	---	---	---	---	---	---	---	---	12.0	8.9	10.5
2	---	---	---	---	---	---	---	---	---	10.9	9.1	10.1
3	---	---	---	---	---	---	---	---	---	10.7	8.5	9.6
4	---	---	---	---	---	---	---	---	---	13.2	7.4	10.1
5	---	---	---	---	---	---	---	---	---	15.3	9.5	12.1
6	---	---	---	---	---	---	---	---	---	17.3	11.7	14.3
7	---	---	---	---	---	---	---	---	---	18.2	13.2	15.6
8	---	---	---	---	---	---	---	---	---	19.1	13.6	16.3
9	---	---	---	---	---	---	---	---	---	20.2	15.2	17.6
10	---	---	---	---	---	---	---	---	---	21.3	17.2	19.1
11	---	---	---	---	---	---	---	---	---	21.7	18.1	19.9
12	---	---	---	---	---	---	---	---	---	20.5	15.1	17.1
13	---	---	---	---	---	---	16.0	11.2	13.4	19.3	13.1	15.9
14	---	---	---	---	---	---	16.0	10.4	13.1	18.6	17.0	17.7
15	---	---	---	---	---	---	16.4	10.5	13.4	17.0	14.5	15.7
16	---	---	---	---	---	---	16.9	11.3	14.1	15.0	12.9	13.7
17	---	---	---	---	---	---	16.3	11.7	14.2	16.2	11.7	13.8
18	---	---	---	---	---	---	18.1	13.5	15.8	17.4	13.3	15.4
19	---	---	---	---	---	---	19.9	15.0	17.3	16.8	15.0	15.6
20	---	---	---	---	---	---	19.1	16.0	17.7	15.1	14.0	14.4
21	---	---	---	---	---	---	17.9	14.8	15.9	17.7	12.8	15.0
22	---	---	---	---	---	---	14.8	12.5	13.3	16.7	14.3	15.3
23	---	---	---	---	---	---	13.1	8.3	10.5	16.9	14.1	15.3
24	---	---	---	---	---	---	8.3	5.5	6.7	15.8	13.8	14.5
25	---	---	---	---	---	---	10.0	5.0	7.0	16.9	12.4	14.4
26	---	---	---	---	---	---	10.8	10.0	10.3	18.8	13.9	16.3
27	---	---	---	---	---	---	10.2	8.6	9.3	19.3	15.8	17.5
28	---	---	---	---	---	---	10.8	8.2	9.4	18.2	15.9	17.0
29	---	---	---	---	---	---	11.6	9.8	10.7	18.7	15.0	16.8
30	---	---	---	---	---	---	11.4	10.3	10.9	18.9	15.9	17.2
31	---	---	---	---	---	---	---	---	---	20.0	15.4	17.6
MONTH	---	---	---	---	---	---	19.9	5.0	12.4	21.7	7.4	15.2

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
1	20.2	16.7	18.4	24.4	21.3	22.6	26.7	20.7	23.3	21.3	19.7	20.6
2	19.0	17.7	18.3	23.9	20.6	22.2	27.7	21.4	24.3	22.1	19.7	20.6
3	21.0	17.3	18.9	25.2	19.8	22.0	27.8	22.3	24.9	---	---	---
4	22.7	18.5	20.3	27.3	22.0	24.0	28.4	23.3	25.7	---	---	---
5	25.1	20.1	22.2	24.7	22.7	23.3	27.1	22.0	23.8	---	---	---
6	25.9	21.6	23.2	26.0	20.9	22.9	22.7	21.2	22.0	22.3	18.0	19.7
7	26.2	21.1	23.3	24.9	21.2	22.9	25.6	20.3	22.2	22.4	17.8	19.7
8	25.8	22.3	23.7	26.3	21.0	23.1	25.9	21.7	23.3	22.3	17.8	19.6
9	27.6	22.0	24.2	26.0	20.1	22.5	25.5	20.8	22.9	22.3	18.7	20.2
10	27.2	23.7	25.1	25.8	19.6	22.2	25.2	21.0	23.0	22.6	19.0	20.5
11	24.7	23.2	24.0	25.1	20.3	22.4	26.4	22.1	24.0	21.4	17.8	19.5
12	24.8	22.6	23.5	26.4	22.6	24.1	27.6	22.7	24.8	21.4	18.1	19.7
13	24.4	22.7	23.3	25.2	22.7	24.0	29.1	23.6	25.9	22.0	18.7	20.2
14	25.2	22.2	23.5	25.1	22.7	23.7	27.2	24.2	25.1	22.0	19.0	20.5
15	23.6	21.3	22.3	26.2	22.6	23.9	24.6	21.7	22.9	22.3	19.2	20.7
16	22.6	19.4	20.8	25.0	22.2	23.5	24.1	20.3	21.7	21.6	19.8	20.8
17	22.2	17.5	19.6	25.2	23.1	24.0	24.8	19.5	21.8	20.5	18.8	19.3
18	22.8	17.6	19.6	26.8	23.6	24.9	24.4	20.4	22.5	21.3	18.6	19.5
19	22.3	17.9	19.9	27.2	23.8	25.1	27.3	22.7	24.6	20.3	17.8	19.0
20	22.0	17.5	19.6	27.7	22.7	24.9	27.5	23.7	25.5	20.7	19.1	19.7
21	22.9	18.0	20.2	27.2	23.1	25.0	27.2	22.9	24.8	20.4	17.4	18.9
22	25.4	19.6	21.8	27.3	23.5	25.1	25.9	21.2	23.6	21.0	17.7	19.2
23	24.9	18.4	21.3	27.9	22.7	24.6	24.1	20.1	22.2	21.0	19.4	20.0
24	25.2	18.8	21.8	26.9	22.8	24.4	24.3	19.2	21.5	19.4	18.1	18.6
25	25.8	20.8	23.2	27.2	23.6	25.0	24.8	19.5	22.1	20.6	18.7	19.5
26	27.2	21.5	24.1	27.1	22.4	24.3	24.3	22.5	23.4	20.4	19.6	19.9
27	26.7	22.1	24.1	25.5	21.6	23.7	23.7	22.7	23.1	19.8	18.2	18.9
28	25.3	22.7	23.7	24.8	20.4	21.9	24.5	20.2	22.3	18.7	16.5	17.7
29	25.2	21.3	23.0	24.3	19.8	21.8	23.7	19.9	21.2	18.6	15.8	17.2
30	23.8	21.7	22.6	24.5	19.3	21.5	21.0	20.5	20.7	15.8	13.8	14.9
31	---	---	---	25.8	20.2	22.6	21.2	20.6	21.0	---	---	---
MONTH	27.6	16.7	22.0	27.9	19.3	23.5	29.1	19.2	23.2	22.6	13.8	19.4
YEAR	29.1	2.8	17.0									

03228300 Big Walnut Creek at Sunbury, Ohio—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
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	13.4	8.3	10.4	13.1	9.0	10.3	11.6	11.0	11.2	---	---	---
2	11.8	7.4	9.2	10.9	8.5	9.4	12.8	11.6	12.3	---	---	---
3	12.9	9.0	10.6	11.7	8.4	10.1	13.7	12.1	12.8	---	---	---
4	12.5	9.1	10.4	10.5	10.0	10.2	14.6	12.6	13.4	---	---	---
5	13.2	9.1	10.7	11.0	10.1	10.6	14.6	12.4	13.3	---	---	---
6	12.5	9.0	10.6	11.6	10.2	11.0	13.7	11.7	12.6	---	---	---
7	12.9	8.7	10.4	11.6	9.9	10.6	12.4	10.6	11.4	---	---	---
8	12.8	8.1	10.0	12.7	10.0	11.3	---	---	---	---	---	---
9	12.3	7.1	9.0	14.1	11.3	12.4	---	---	---	---	---	---
10	11.8	7.7	9.5	14.3	11.2	12.6	---	---	---	---	---	---
11	12.5	8.2	9.9	13.2	11.0	11.7	---	---	---	---	---	---
12	12.8	8.3	10.0	13.9	11.0	12.0	---	---	---	---	---	---
13	11.6	7.9	9.3	14.8	11.6	13.0	---	---	---	---	---	---
14	12.8	7.9	9.6	15.6	12.5	13.7	---	---	---	---	---	---
15	10.7	7.8	9.0	16.2	12.4	13.8	---	---	---	---	---	---
16	12.1	8.7	10	15.5	11.2	13.0	---	---	---	---	---	---
17	12.6	9.5	10.8	13.1	10.4	11.4	---	---	---	---	---	---
18	11.5	10.0	10.7	11.7	10.2	10.7	---	---	---	---	---	---
19	11.5	10.1	10.8	10.6	9.6	10.0	---	---	---	---	---	---
20	10.9	9.6	10.3	9.8	9.6	9.7	---	---	---	---	---	---
21	11.1	9.1	9.9	10.5	9.6	10.0	---	---	---	---	---	---
22	12.3	9.2	10.4	11.4	10.0	10.5	---	---	---	---	---	---
23	12.5	9.0	10.2	12.1	10.0	10.8	---	---	---	---	---	---
24	11.1	8.6	9.5	10.7	9.8	10.1	---	---	---	---	---	---
25	11.4	9.4	10.1	11.4	9.8	10.7	---	---	---	---	---	---
26	12.4	9.1	10.4	13.0	11.3	12.1	---	---	---	---	---	---
27	12.5	8.8	10.1	13.6	11.3	12.3	---	---	---	---	---	---
28	13.0	8.9	10.3	12.6	11.1	11.8	---	---	---	---	---	---
29	12.0	8.3	9.5	13.5	11.8	12.4	---	---	---	---	---	---
30	11.9	7.7	9.0	13.6	11.4	12.2	---	---	---	---	---	---
31	12.7	7.6	9.7	---	---	---	---	---	---	---	---	---
MONTH	13.4	7.1	10.0	16.2	8.4	11.3	14.6	10.6	12.4	---	---	---

DAY	FEBRUARY			MARCH			APRIL			MAY		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
1	---	---	---	---	---	---	---	---	---	12.9	10.2	11.2
2	---	---	---	---	---	---	---	---	---	13.2	10.2	11.4
3	---	---	---	---	---	---	---	---	---	14.5	10.5	12.1
4	---	---	---	---	---	---	---	---	---	14.9	9.8	12.1
5	---	---	---	---	---	---	---	---	---	14.2	8.9	11.3
6	---	---	---	---	---	---	---	---	---	12.5	8.2	10.1
7	---	---	---	---	---	---	---	---	---	11.3	7.7	9.3
8	---	---	---	---	---	---	---	---	---	10.7	7.3	8.9
9	---	---	---	---	---	---	---	---	---	10.1	6.8	8.4
10	---	---	---	---	---	---	---	---	---	9.4	6.6	7.8
11	---	---	---	---	---	---	---	---	---	9.2	6.6	7.6
12	---	---	---	---	---	---	---	---	---	9.2	6.7	8.3
13	---	---	---	---	---	---	13.0	8.7	10.4	10.1	7.2	8.9
14	---	---	---	---	---	---	12.9	8.6	10.4	8.8	7.2	8.0
15	---	---	---	---	---	---	12.9	8.3	10.3	9.8	8.2	8.9
16	---	---	---	---	---	---	12.6	8.1	10.0	10.5	8.8	9.6
17	---	---	---	---	---	---	12.4	8.0	9.8	10.9	8.5	9.7
18	---	---	---	---	---	---	11.8	7.5	9.4	10.8	8.0	9.3
19	---	---	---	---	---	---	11.4	7.0	8.9	9.9	8.0	8.8
20	---	---	---	---	---	---	11.2	7.0	8.5	9.2	8.5	9.0
21	---	---	---	---	---	---	11.6	7.0	8.9	9.7	8.2	9.2
22	---	---	---	---	---	---	10.7	8.3	9.3	10.0	8.3	9.1
23	---	---	---	---	---	---	10.6	8.8	9.8	10.6	8.6	9.3
24	---	---	---	---	---	---	11.7	10.6	11.2	10.3	8.6	9.4
25	---	---	---	---	---	---	11.9	10.2	11.3	10.9	8.5	9.7
26	---	---	---	---	---	---	10.6	10.1	10.3	10.9	7.9	9.3
27	---	---	---	---	---	---	11.0	10.2	10.7	10.8	7.9	8.9
28	---	---	---	---	---	---	11.9	10.3	11.1	10.9	8.0	8.9
29	---	---	---	---	---	---	11.9	10.0	10.8	11.0	8.1	9.2
30	---	---	---	---	---	---	11.8	10.0	10.6	11.6	8.0	9.1
31	---	---	---	---	---	---	---	---	---	11.2	7.7	9.1
MONTH	---	---	---	---	---	---	13.0	7.0	10.1	14.9	6.6	9.4

03228300 Big Walnut Creek at Sunbury, Ohio—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—Continued

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
1	11.5	7.5	9.1	7.9	6.3	7.1	12.6	3.3	6.7	7.6	7.2	7.4
2	10.7	7.5	8.6	8.9	6.6	7.5	11.7	2.7	6.1	7.7	7.3	7.5
3	11.4	7.3	8.9	9.9	6.1	7.8	11.6	2.2	6.4	---	---	---
4	11.1	6.9	8.6	11.1	5.7	7.6	11.7	2.6	6.6	---	---	---
5	11.1	6.3	8.1	9.0	5.5	7.2	8.5	2.8	5.7	---	---	---
6	10.0	6.2	7.5	9.6	6.3	7.7	9.4	5.6	7.4	8.8	6.7	7.6
7	10.5	6.3	7.7	10.6	6.4	7.9	11.3	6.0	7.7	9.0	6.6	7.6
8	10.3	6.1	7.5	10.6	6.1	7.7	13.0	5.2	7.7	9.8	6.4	7.7
9	11.0	5.9	7.6	12.8	5.8	8.0	12.5	4.8	7.5	10.3	6.2	7.7
10	10.3	5.9	7.3	13.1	5.8	7.9	12.8	4.0	7.2	10.4	6.0	7.5
11	9.7	6.0	7.4	13.5	5.2	8.6	13.0	3.1	6.8	11.3	5.9	7.8
12	10.2	6.2	7.8	12.9	4.6	7.4	13.0	2.7	6.8	11.5	5.3	7.8
13	10.1	6.1	7.4	11.3	2.9	6.3	13.4	2.2	6.7	11.4	4.8	7.0
14	10.2	6.4	7.6	11.7	2.2	5.6	10.0	2.0	5.6	10.0	3.7	6.0
15	9.9	6.5	7.8	10.7	2.3	5.6	9.5	2.5	5.6	9.9	3.2	5.7
16	11.4	6.9	8.4	8.4	5.6	6.8	12.5	3.1	6.4	8.0	3.2	5.7
17	11.7	7.2	8.8	7.4	6.3	6.9	11.9	3.9	6.8	9.4	4.6	6.7
18	12.8	7.2	9.1	8.5	6.1	7.0	11.2	3.1	6.9	10.4	5.7	7.4
19	12.8	7.1	9.1	8.6	6.2	7.1	11.1	2.7	6.7	10.2	5.7	7.6
20	15.8	6.0	9.8	9.2	6.2	7.4	10.0	2.5	6.1	9.8	5.9	7.2
21	14.8	4.9	9.0	9.4	6.1	7.3	12.2	2.0	5.7	10.3	6.1	7.5
22	14.1	3.3	7.6	9.5	5.9	7.2	12.1	2.7	6.6	10.4	5.7	7.7
23	14.5	3.2	7.6	10.7	5.9	7.3	11.8	3.6	7.4	8.1	5.4	7.2
24	14.5	2.8	7.6	12.1	5.6	7.7	11.4	4.3	7.5	8.3	7.9	8.1
25	12.8	2.4	7.3	9.8	5.4	6.8	12.2	3.9	7.6	8.6	7.4	8.0
26	13.8	2.2	7.2	9.5	5.8	7.4	9.6	3.6	6.6	7.9	7.4	7.6
27	13.9	3.7	6.9	8.5	5.8	6.9	8.0	2.2	5.0	8.3	7.8	8.1
28	9.6	3.3	5.6	11.7	6.3	8.2	9.8	2.7	5.4	8.7	7.9	8.4
29	12.6	4.3	6.8	12.6	6.1	8.1	7.4	2.6	5.8	8.8	7.8	8.4
30	9.9	4.3	6.3	12.7	5.4	8.1	7.4	6.8	7.2	9.5	8.8	9.1
31	---	---	---	13.3	4.5	7.4	7.3	7.1	7.2	---	---	---
MONTH	15.8	2.2	7.9	13.5	2.2	7.3	13.4	2.0	6.6	11.5	3.2	7.5
YEAR	16.2	2.0	8.8									

03228500 Big Walnut Creek at Central College, Ohio

LOCATION.—Latitude 40°06′13″, longitude 82°53′03″, T.2 N., R.17 W., Franklin County, Hydrologic Unit 05060001, on right bank at upstream side of county road bridge, 0.2 mi east of Central College, 0.4 mi downstream from Hoover Dam, and 3 mi southeast of Westerville, Ohio.
DRAINAGE AREA.—190 mi^2.
PERIOD OF RECORD.—July 1938 to current year.
REVISED RECORDS.—WSP 873: 1938. WSP 1435: Drainage area.
GAGE.—Water-stage recorder. Datum of gage is 815.16 ft above sea level.
REMARKS.—Records fair except for periods of estimated record, which are poor. Flow completely regulated by Hoover Reservoir since Sept. 1954. (See station 03228400). Water-quality data collected at this site 1965-1977. U.S. Army Corps of Engineers satellite telemeter at station.

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	132	228	116	335	134	140	300	273	131	140	192	141
2	128	157	113	696	134	129	719	243	115	135	209	136
3	155	130	112	2480	131	126	1900	222	123	146	220	117
4	143	121	112	3950	131	114	1200	128	162	158	203	128
5	124	121	111	3660	124	148	596	127	150	156	175	124
6	132	120	111	9170	123	160	374	122	180	143	135	142
7	143	119	112	4060	137	255	297	121	169	162	142	144
8	162	126	113	1890	327	340	280	119	206	143	180	143
9	177	118	119	1180	1060	228	229	109	141	157	185	143
10	180	118	119	693	839	182	138	112	175	163	206	157
11	180	116	118	2260	495	156	124	112	162	174	179	156
12	180	117	116	4380	320	140	111	113	132	153	202	164
13	160	116	124	4090	282	171	123	108	139	131	198	156
14	154	116	130	3300	279	117	112	106	150	133	144	163
15	150	124	115	1310	442	111	108	98	150	138	133	169
16	174	129	116	658	418	102	105	104	154	139	131	142
17	137	124	116	376	380	100	105	116	139	117	143	116
18	142	128	116	290	312	94	104	116	150	131	149	119
19	141	120	116	251	244	93	97	125	150	144	135	140
20	136	120	127	240	218	90	115	184	166	147	149	143
21	127	111	129	164	234	97	117	119	166	149	140	124
22	152	114	141	160	235	101	118	115	204	147	145	136
23	179	114	148	164	227	203	163	110	222	158	145	146
24	208	115	125	172	229	303	771	114	216	168	151	116
25	203	112	124	410	180	294	1260	136	222	179	177	126
26	201	94	124	473	187	379	911	149	154	175	176	130
27	219	94	158	244	144	360	913	138	206	154	132	136
28	226	113	163	132	132	999	606	116	186	145	119	117
29	219	116	168	132	---	1280	385	116	146	156	138	119
30	228	117	163	126	---	609	334	112	146	177	130	116
31	228	---	169	137	---	368	---	140	---	177	121	---
TOTAL	5220	3668	3944	47583	8098	7989	12715	4123	4912	4695	4984	4109
MEAN	168	122	127	1535	289	258	424	133	164	151	161	137
MAX	228	228	169	9170	1060	1280	1900	273	222	179	220	169
MIN	124	94	111	126	123	90	97	98	115	117	119	116

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1955-2005, BY WATER YEAR (WY)

MEAN	113	124	157	226	239	333	334	272	232	163	145	129
MAX	289	650	926	1535	781	957	783	786	720	503	655	626
(WY)	1980	1973	1991	2005	1975	1963	1961	1996	1997	1987	1980	1979
MIN	0.15	1.69	0.77	1.02	6.24	89.1	46.2	21.5	0.30	0.55	4.86	3.43
(WY)	1956	1956	1956	1956	1956	1972	1955	1955	1955	1955	1955	1955

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1955-2005		
ANNUAL TOTAL	112443		112040				
ANNUAL MEAN	307		307		205		
HIGHEST ANNUAL MEAN					337		1973
LOWEST ANNUAL MEAN					111		1966
HIGHEST DAILY MEAN	4870	Jan 5	9170	Jan 6	10600	Jan 22	1959
LOWEST DAILY MEAN	94	Nov 26	90	Mar 20	0.00	May 20	1955
ANNUAL SEVEN-DAY MINIMUM	108	Nov 21	97	Mar 16	0.00	May 31	1955
MAXIMUM PEAK FLOW			12100	Jan 6	23800	Jan 21	1959
MAXIMUM PEAK STAGE			15.21	Jan 6	19.75	Jan 21	1959
INSTANTANEOUS LOW FLOW					0.00	May 20	1955
10 PERCENT EXCEEDS	525		379		309		
50 PERCENT EXCEEDS	165		144		124		
90 PERCENT EXCEEDS	120		113		66		

03228560 Rocky Fork at Gahanna, Ohio

LOCATION.—Latitude 40°01′18″, longitude 82°51′57″, Franklin County, Hydrologic Unit 05060001, on right bank at upstream side of Hamilton Road bridge at Gahanna, Ohio.
DRAINAGE AREA.—28.2 mi^2.
PERIOD OF RECORD.—July 2003 to current year.
GAGE.—Water-stage recorder. Elevation of gage is 780 ft above sea level (from topographic map).
REMARKS.—Records good except for periods of estimated record, 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	e15	8.0	206	e140	e5.6	e21	20	25	7.8	58	2.1	55
2	11	19	55	e90	e5.0	e15	442	17	6.2	13	1.8	19
3	8.1	42	32	e700	e4.6	e12	309	13	5.9	6.1	1.7	8.8
4	4.9	54	23	e500	e4.3	e11	64	11	5.8	4.9	1.6	5.6
5	6.3	40	18	e1000	e4.0	e31	35	9.3	5.3	20	9.9	4.3
6	6.2	21	16	e1500	e6.6	e41	25	8.6	4.8	14	7.6	3.7
7	6.5	13	37	e400	e54	e52	23	8.4	4.5	6.2	3.2	3.2
8	6.4	9.7	42	e60	e90	e28	19	7.6	4.4	4.5	2.6	2.9
9	6.1	7.5	95	e90	e40	e13	14	6.8	4.5	10	2.4	2.8
10	6.0	7.1	149	e180	e16	e15	11	6.3	4.4	4.6	2.1	2.7
11	5.4	13	59	e300	e14	e20	9.5	6.7	4.6	3.5	2.0	2.6
12	5.3	53	47	e1300	e22	e24	8.4	7.3	5.4	3.5	1.9	2.4
13	5.6	24	33	e520	e29	e13	8.7	6.2	4.4	3.3	2.6	2.3
14	4.9	14	24	e100	e52	e17	7.3	31	4.0	5.8	8.5	2.2
15	15	10	18	e10	e70	e22	6.1	28	3.6	4.6	3.3	2.2
16	10	9.5	16	e5.0	e52	9.6	5.4	11	3.6	7.0	3.3	31
17	8.1	19	15	e3.7	e27	10	5.0	7.5	3.4	8.8	2.7	12
18	63	57	13	e4.4	e13	9.2	4.9	6.2	3.4	7.1	2.0	4.3
19	86	91	12	e8.4	e18	13	5.2	30	3.4	10	2.1	3.3
20	26	93	17	e6.8	e24	25	5.9	280	3.4	7.4	6.5	4.3
21	14	44	12	e5.8	e47	14	33	40	3.4	21	9.2	3.5
22	9.7	28	12	e4.2	e35	11	26	20	3.2	12	2.8	3.0
23	9.4	22	290	e3.2	e25	66	398	17	3.0	6.2	2.2	9.3
24	38	55	94	e3.6	e18	55	286	16	2.9	4.1	1.8	21
25	19	60	52	e4.6	e16	54	225	10	2.6	3.9	1.6	10
26	10	31	27	e9.0	e24	108	79	8.1	2.5	12	1.5	102
27	12	22	21	e4.2	e20	40	140	6.9	2.7	5.9	9.6	40
28	10	50	14	e3.8	e29	590	44	21	4.8	5.0	11	12
29	16	32	23	e4.5	---	128	28	19	8.4	3.5	48	29
30	23	42	e140	e7.8	---	45	33	12	46	2.7	136	19
31	13	---	e300	e6.0	---	29	---	16	---	2.3	456	---
TOTAL	479.9	990.8	1912	6975.0	765.1	1541.8	2320.4	712.9	172.3	280.9	749.6	423.4
MEAN	15.5	33.0	61.7	225	27.3	49.7	77.3	23.0	5.74	9.06	24.2	14.1
MAX	86	93	300	1500	90	590	442	280	46	58	456	102
MIN	4.9	7.1	12	3.2	4.0	9.2	4.9	6.2	2.5	2.3	1.5	2.2
CFSM	0.55	1.17	2.19	7.98	0.97	1.76	2.74	0.82	0.20	0.32	0.86	0.50
IN.	0.63	1.31	2.52	9.20	1.01	2.03	3.06	0.94	0.23	0.37	0.99	0.56

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003-2005, BY WATER YEAR (WY)

MEAN	14.5	33.7	57.1	172	42.6	49.6	68.2	43.3	57.9	17.3	35.7	47.0
MAX	15.5	34.3	61.7	225	57.3	49.7	77.3	63.6	110	21.8	59.8	110
(WY)	2005	2004	2005	2005	2004	2005	2005	2004	2004	2003	2003	2003
MIN	13.5	33.0	52.6	119	27.3	49.5	59.1	23.0	5.74	9.06	23.2	14.1
(WY)	2004	2005	2004	2004	2005	2004	2004	2005	2005	2005	2004	2005

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2003-2005		
ANNUAL TOTAL	19191.9		17324.1				
ANNUAL MEAN	52.4		47.5		49.5		
HIGHEST ANNUAL MEAN					51.6		2004
LOWEST ANNUAL MEAN					47.5		2005
HIGHEST DAILY MEAN	1540	Jan 4	1500	Jan 6	1540	Jan 4	2004
LOWEST DAILY MEAN	3.2	Jul 16	1.5	Aug 26	1.5	Aug 26	2005
ANNUAL SEVEN-DAY MINIMUM	3.6	Aug 12	2.2	Jul 29	2.2	Jul 29	2005
MAXIMUM PEAK FLOW			2170	Jan 6	2170	Jan 6	2005
MAXIMUM PEAK STAGE			8.55	Jan 6	8.55	Jan 6	2005
INSTANTANEOUS LOW FLOW			1.3	Aug 4	1.3	Aug 4	2005
ANNUAL RUNOFF (CFSM)	1.86		1.68		1.76		
ANNUAL RUNOFF (INCHES)	25.32		22.85		23.87		
10 PERCENT EXCEEDS	93		88		90		
50 PERCENT EXCEEDS	17		12		14		
90 PERCENT EXCEEDS	6.2		3.2		4.0		

e Estimated.

03228750 Alum Creek near Kilbourne, Ohio

LOCATION.—Latitude 40°21′24″, longitude 82°55′18″, Delaware County, Hydrologic Unit 05060001, on left bank of upstream side of bridge on County Road 34, 500 ft downstream from West Branch Alum Creek, and 2.6 mi northeast of Kilbourne.
DRAINAGE AREA.—64.9 mi^2.
PERIOD OF RECORD.—November 1973 to September 1981, October 2000 to current year.
REVISED RECORDS.—WDR OH-04-1: 2002, 2003.
GAGE.—Water-stage recorder. Datum of gage is 900.99 ft above sea level.
REMARKS.—Records fair except for periods of estimated discharge, 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	4.3	10	259	e580	e28	65	55	67	9.9	29	1.7	48
2	4.4	12	88	200	e27	45	433	49	9.1	7.7	1.4	11
3	4.5	34	46	1450	e26	42	862	40	8.8	3.0	1.2	5.2
4	4.2	41	34	824	e25	101	258	34	8.2	1.6	1.1	3.3
5	3.9	38	27	1930	e24	61	109	30	7.8	2.5	4.6	2.4
6	3.8	23	24	2420	e30	94	74	28	16	5.0	5.3	2.0
7	4.3	19	37	341	e60	72	66	26	16	3.4	4.0	1.6
8	4.2	15	64	489	974	67	59	23	9.2	1.9	2.4	1.5
9	4.2	12	47	224	386	46	47	21	16	1.6	1.8	1.4
10	3.9	11	111	114	206	46	41	21	11	1.3	1.5	1.3
11	4.2	11	80	753	95	32	36	21	9.1	0.77	1.1	1.2
12	4.6	15	82	2840	70	30	32	20	8.0	0.49	1.0	1.1
13	15	15	49	646	73	27	30	18	6.4	0.49	0.95	0.99
14	17	13	33	988	111	31	26	64	6.0	0.57	1.3	0.91
15	15	11	e28	199	135	27	24	73	5.9	0.93	3.2	1.2
16	18	11	e24	120	172	30	22	35	5.7	2.3	4.0	6.3
17	11	12	e21	e90	135	30	22	26	5.1	2.2	2.8	4.3
18	14	26	e18	e78	65	28	22	21	4.5	2.3	2.2	2.7
19	35	112	e16	e70	100	29	21	22	3.6	1.6	1.7	1.9
20	19	116	e14	e64	41	49	20	29	3.1	3.2	2.5	1.6
21	14	55	e13	e60	73	38	28	22	3.0	3.8	7.7	1.5
22	11	32	e12	e56	64	30	28	19	2.9	3.1	4.4	1.4
23	10	26	e18	e52	47	67	335	21	2.7	2.4	2.6	54
24	26	47	e25	e49	40	72	451	33	2.0	2.1	1.6	32
25	20	111	e21	e45	56	75	430	24	1.6	1.9	1.1	13
26	14	51	e18	e42	32	160	198	18	1.5	2.5	0.88	134
27	12	32	e15	e39	33	74	289	15	1.4	3.6	1.2	81
28	11	63	e13.5	e36	36	822	108	15	1.4	4.4	1.1	21
29	10	44	e31	e34	---	247	73	16	1.4	3.8	1.3	22
30	9.9	36	e80	e31	---	109	82	14	13	2.9	6.7	25
31	10	---	e720	e29	---	73	---	13	---	2.1	155	---
TOTAL	342.4	1054	2068.5	14893	3164	2719	4281	878	200.3	104.45	229.33	484.80
MEAN	11.0	35.1	66.7	480	113	87.7	143	28.3	6.68	3.37	7.40	16.2
MAX	35	116	720	2840	974	822	862	73	16	29	155	134
MIN	3.8	10	12	29	24	27	20	13	1.4	0.49	0.88	0.91
CFSM	0.17	0.54	1.03	7.40	1.74	1.35	2.20	0.44	0.10	0.05	0.11	0.25
IN.	0.20	0.60	1.19	8.54	1.81	1.56	2.45	0.50	0.11	0.06	0.13	0.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974-2005, BY WATER YEAR (WY)

MEAN	15.0	45.1	87.7	132	154	131	112	74.4	55.6	13.0	36.5	29.3
MAX	44.2	176	192	480	355	364	215	225	158	51.1	244	183
(WY)	2002	1980	1978	2005	1981	1978	2002	2004	2004	1980	1980	2003
MIN	2.96	5.63	11.0	8.04	16.2	28.9	21.4	12.0	4.60	1.56	1.93	1.86
(WY)	1975	1979	1977	1977	1978	2001	1976	1976	1977	2001	1975	1977

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1974-2005		
ANNUAL TOTAL	32838.7		30418.78				
ANNUAL MEAN	89.7		83.3		73.9		
HIGHEST ANNUAL MEAN					102		2004
LOWEST ANNUAL MEAN					46.0		1976
HIGHEST DAILY MEAN	1710	Jun 14	2840	Jan 12	2840	Jan 12	2005
LOWEST DAILY MEAN	1.9	Aug 18	0.49	Jul 12	0.16	Sep 4	2002
ANNUAL SEVEN-DAY MINIMUM	2.5	Aug 12	0.88	Jul 9	0.22	Sep 1	2002
MAXIMUM PEAK FLOW			4570	Jan 12a	4850	Feb 24	1975
MAXIMUM PEAK STAGE			11.01	Dec 31b	12.05	Feb 24	1975
INSTANTANEOUS LOW FLOW			0.20	Jul 13	0.0	Sep 3	2002
ANNUAL RUNOFF (CFSM)	1.38		1.28		1.14		
ANNUAL RUNOFF (INCHES)	18.82		17.44		15.47		
10 PERCENT EXCEEDS	199		118		156		
50 PERCENT EXCEEDS	29		22		20		
90 PERCENT EXCEEDS	4.9		1.6		2.2		

a Peaks above base shown in table of peak discharges and stages at continuous-record surface-water-discharge stations.
b Ice affected.
e Estimated.

03228805 Alum Creek at Africa, Ohio

LOCATION.—Latitude 40°10′56″, longitude 82°57′42″, in SE ¼ sec. 1, T.3 N., R.18 W., Delaware County, Hydrologic Unit 05060001, on right bank 400 ft upstream of bridge on Lewis Center Road, 1,200 ft downstream from outlet of Alum Creek Dam, 0.3 mi west of Africa, Ohio, 2.8 mi upstream from Westerville Reservoir outlet, and 4.2 mi northwest of Westerville, Ohio.

DRAINAGE AREA.—122 mi^2.

PERIOD OF RECORD.—Water year 1962 (occasional low-flow measurements), June 1963 to current year.

GAGE.—Water-stage recorder. Datum of gage is 822.00 ft above sea level (levels by U.S. Army Corps of Engineers). July 9, 1974-Sept. 30, 1985, at datum 22.00 ft lower; Oct. 17, 1973-July 9, 1974, nonrecording gage at bridge 400 ft downstream at datum 22.00 ft lower; prior to Oct. 17, 1973, water-stage recorder 600 ft downstream at datum 4.63 ft lower.

REMARKS.—Records fair except for periods of estimated record, which are poor. Flow regulated by Alum Creek Lake since Aug. 1973. Water-quality and sediment data formerly collected at this site. U.S. Army Corps of Engineers satellite telemeter at station.

EXTREME FOR PERIOD OF RECORD.—Maximum discharge, 6,160 ft^3/s Mar. 10, 1964, gage height 13.95 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood of Mar. 5, 1963, reached a stage of 14.2 ft, from floodmarks; discharge, 6,460 ft^3/s.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42	279	16	16	1640	86	118	32	18	14	18	19
2	82	279	15	16	1670	86	28	32	18	14	19	18
3	82	279	15	27	1660	86	22	37	17	14	20	18
4	128	278	15	21	1470	85	21	45	17	14	20	18
5	186	153	15	39	1250	85	21	45	16	14	22	18
6	186	73	15	27	1220	84	21	46	16	13	21	18
7	186	73	15	20	1200	84	25	46	16	13	20	18
8	186	48	15	21	1410	152	23	45	16	13	19	18
9	187	17	15	20	1510	183	23	46	16	14	19	18
10	187	16	15	897	900	185	22	47	15	14	20	18
11	187	17	15	1580	209	138	22	47	16	14	20	18
12	259	17	15	59	29	86	21	47	15	13	e20	18
13	380	17	14	21	29	86	21	47	14	14	e20	18
14	438	16	11	19	56	85	20	47	15	13	e20	18
15	370	16	13	17	151	62	20	43	15	13	e20	18
16	290	16	13	426	272	33	20	34	15	e14	20	19
17	290	16	13	777	321	32	20	32	14	e14	19	18
18	292	16	13	771	216	33	18	32	14	e14	20	18
19	290	16	13	756	87	33	19	31	15	e14	20	18
20	295	16	13	757	87	32	20	66	15	e14	20	18
21	293	16	13	775	87	33	21	83	15	e14	20	19
22	292	15	13	761	87	32	21	107	15	e15	19	18
23	295	15	13	773	87	126	26	86	15	e14	19	e18
24	290	15	13	764	87	181	188	84	15	e14	19	e18
25	281	15	13	744	87	181	792	85	15	e15	19	e19
26	281	15	13	741	86	183	1280	42	15	e15	19	e19
27	280	15	13	1090	86	182	911	20	15	14	19	19
28	281	15	13	1690	86	117	671	20	e15	13	19	19
29	280	15	14	1680	---	194	176	19	e15	13	22	19
30	280	15	15	1630	---	295	32	19	e15	14	24	19
31	280	---	21	1660	---	296	---	18	---	14	27	---
TOTAL	7676	1809	438	18595	16080	3556	4643	1430	463	429	623	549
MEAN	248	60.3	14.1	600	574	115	155	46.1	15.4	13.8	20.1	18.3
MAX	438	279	21	1690	1670	296	1280	107	18	15	27	19
MIN	42	15	11	16	29	32	18	18	14	13	18	18
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974-2005, BY WATER YEAR (WY)												
MEAN	70.7	101	124	135	172	156	105	127	104	66.5	40.2	59.7
MAX	534	375	460	600	574	514	358	651	360	364	570	618
(WY)	2004	1980	1991	2005	2005	1979	1979	1996	2004	1987	1980	1980
MIN	3.85	5.39	6.15	1.50	5.48	5.02	3.46	3.32	3.61	3.05	3.31	3.53
(WY)	1974	1989	1976	1976	1981	1987	1981	1976	1976	1976	1981	1981

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1974-2005		
ANNUAL TOTAL	52869.4		56291				
ANNUAL MEAN	144		154		105		
HIGHEST ANNUAL MEAN					243		1980
LOWEST ANNUAL MEAN					8.54		1992
HIGHEST DAILY MEAN	1710	Jun 18	1690	Jan 28	1980	Nov 29	1979
LOWEST DAILY MEAN	9.0	May 28	11	Dec 14	0.00	Aug 25	1992
ANNUAL SEVEN-DAY MINIMUM	9.8	Sep 10	13	Dec 14	1.5	Jun 11	1976
MAXIMUM PEAK FLOW			1840	Jan 10	2310	Sep 19	1979
MAXIMUM PEAK STAGE			5.33	Jan 10	27.74	Sep 19	1979
INSTANTANEOUS LOW FLOW					0.00	Aug 25	1992
10 PERCENT EXCEEDS	432		306		296		
50 PERCENT EXCEEDS	19		20		18		
90 PERCENT EXCEEDS	12		14		6.3		

e Estimated.

03229500 Big Walnut Creek at Rees, Ohio

LOCATION.—Latitude 39°51′24″, longitude 82°57′26″, in NE ¼ sec. 26, T.4 N., R.22 W., Franklin County, Hydrologic Unit 05060001, on right bank at downstream side of bridge on Reese Road, 0.5 mi southwest of Reese, Ohio, 4.2 mi downstream from Alum Creek, and 10.5 mi upstream from mouth.
DRAINAGE AREA.—544 mi^2.
PERIOD OF RECORD.—August 1921 to December 1935, October 1938 to current year. Monthly discharge only for some periods, published in WSP 1305.
REVISED RECORDS.—WSP 1053: 1929, 1933(M), 1945. WSP 1305: 1923(M), 1925-26(M).
GAGE.—Water-stage recorder. Datum of gage is 698.20 ft above sea level. Aug. 18, 1921-Oct. 23, 1927, nonrecording gage at site 0.3 mi upstream at datum 2.00 ft higher prior to Oct. 1, 1924, at present datum thereafter.
REMARKS.—Records fair. Flow regulated by Hoover Reservoir 26 mi upstream and Alum Creek Lake, 30 mi upstream since Aug. 1973. Water-quality data formerly collected at this site. U.S. Army Corps of Engineers satellite telemeter at station.
EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 59,800 ft^3/s Jan. 22, 1959, gage height, 22.03 ft (from highwater mark in well), from rating curve extended above 13,000 ft^3/s on basis of contracted-opening measurement of peak flow; minimum, 5 ft^3/s Sept. 4, 5, 10-12, 1925; minimum daily since 1956, 9.4 ft^3/s Sept. 13, 1964.

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	91	540	1310	1240	1830	754	877	553	164	1360	83	878
2	122	619	558	1010	1800	526	2130	443	145	325	77	342
3	183	784	329	4240	1860	437	3430	379	130	176	80	204
4	171	825	252	8400	1840	407	2060	328	129	140	74	152
5	276	713	210	7500	1590	414	1160	255	124	244	275	127
6	296	332	199	14000	1570	548	719	237	128	390	343	117
7	290	249	308	10000	1670	577	581	223	119	168	140	106
8	299	216	406	3980	2970	681	520	215	213	134	105	106
9	325	160	490	2220	2880	635	403	202	199	140	107	106
10	339	123	1190	1340	2600	548	307	191	147	132	90	103
11	336	154	506	3510	1460	508	225	183	210	110	90	98
12	325	607	381	11700	715	414	202	363	127	100	88	97
13	519	281	296	6050	555	372	200	192	119	138	78	92
14	678	177	242	6410	630	346	207	563	115	143	196	91
15	804	148	206	2870	1080	295	171	452	120	118	125	88
16	578	152	193	1460	1070	237	154	235	115	285	154	420
17	504	248	178	1660	1040	199	145	170	110	724	121	352
18	1110	615	167	1450	949	184	146	154	106	206	91	141
19	1580	552	162	1350	565	233	148	242	98	247	129	105
20	635	687	133	1320	502	470	132	1850	99	153	97	164
21	524	388	145	1280	716	267	553	597	99	196	218	121
22	481	260	170	1210	588	222	371	365	97	219	111	101
23	497	218	1640	1200	500	701	2020	348	95	124	83	253
24	834	396	1000	1200	462	912	2190	345	92	103	75	921
25	601	543	419	1170	460	918	2780	272	96	110	70	353
26	513	300	284	1570	406	1280	2680	259	226	304	70	945
27	552	216	202	1290	401	965	2700	207	123	157	103	598
28	571	361	195	1730	426	3610	2020	240	159	162	291	233
29	556	289	273	1840	---	2780	1120	339	389	109	836	383
30	629	261	616	1860	---	1580	795	178	981	91	1010	250
31	561	---	2060	1830	---	1110	---	316	---	86	4130	---
TOTAL	15780	11414	14720	107890	33135	23130	31146	10896	5074	7094	9540	8047
MEAN	509	380	475	3480	1183	746	1038	351	169	229	308	268
MAX	1580	825	2060	14000	2970	3610	3430	1850	981	1360	4130	945
MIN	91	123	133	1010	401	184	132	154	92	86	70	88
(+)	111	99	108	109	105	98	101	106	144	146	152	136

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974-2005, BY WATER YEAR (WY)

MEAN	233	368	500	640	683	742	711	601	536	357	287	258
MAX	951	1398	2110	3480	1747	1688	1467	2057	1657	1313	1566	1814
(WY)	1987	1986	1991	2005	1990	1984	1979	1996	1997	1990	1980	1979
MIN	57.4	47.8	111	115	110	121	130	63.3	64.0	84.7	52.8	57.3
(WY)	1995	1992	1988	1977	1992	1983	1976	1976	1988	1991	1993	1985

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1974-2005		
ANNUAL TOTAL	264686		277866				
ANNUAL MEAN	723 (+114)		761 (+118)		611≠		
HIGHEST ANNUAL MEAN					761		2005
LOWEST ANNUAL MEAN					221		1992
HIGHEST DAILY MEAN	12300	Jan 5	14000	Jan 6	14000	Sep 15	1979
LOWEST DAILY MEAN	91	Sep 7	70	Aug 25	22	Jul 10	1988
ANNUAL SEVEN-DAY MINIMUM	100	Sep 25	86	Jul 29	25	Jul 4	1988
MAXIMUM PEAK FLOW			15900	Jan 6	21700	Sep 15	1979
MAXIMUM PEAK STAGE			16.60	Jan 6	17.75	Sep 15	1979
INSTANTANEOUS LOW FLOW					22	Jul 10	1988
10 PERCENT EXCEEDS	1700		1760		1230		
50 PERCENT EXCEEDS	359		325		195		
90 PERCENT EXCEEDS	134		106		61		

(+) Average diversion by City of Columbus Municipal Water Supply.
≠ Adusted for diversion

03230310 Little Darby Creek at West Jefferson, Ohio

LOCATION.—Latitude 39°57′04″, longitude 83°16′10″, Madison County, Hydrologic Unit 05060001, at bridge on Middle Pike, 0.4 mi north of West Jefferson, Ohio, and 7.2 mi upstream from Big Darby Creek.
DRAINAGE AREA.—162 mi^2.
PERIOD OF RECORD.—October 1992 to current year.
GAGE.—Water-stage recorder. Datum of gage is 785 ft above sea level. Prior to 1992, low-flow partial-record site.
REMARKS.—Records fair.

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	8.9	17	221	1590	106	182	297	303	95	63	9.0	75
2	9.2	18	293	1050	100	175	490	246	91	55	8.2	38
3	8.8	19	193	1140	97	151	1140	207	90	46	7.6	21
4	8.4	23	145	2390	93	142	643	177	87	37	6.8	15
5	8.5	41	116	3040	89	144	373	155	82	33	8.2	11
6	8.7	36	100	6060	97	187	276	145	79	31	10	9.5
7	8.3	32	105	4170	149	356	233	138	84	29	11	8.0
8	8.0	26	140	1750	711	304	211	129	170	26	11	7.1
9	8.1	22	156	1160	1000	209	182	119	318	23	8.5	6.4
10	8.4	19	211	772	656	171	166	116	194	21	8.5	6.1
11	8.3	20	188	966	409	157	146	109	241	19	7.0	5.9
12	8.2	54	150	3930	287	146	137	118	196	18	6.4	6.2
13	9.3	59	128	3190	249	129	133	130	152	18	6.5	4.9
14	11	46	104	2110	250	113	118	230	138	20	7.4	4.6
15	13	34	88	1360	301	105	107	450	138	20	6.9	4.4
16	15	33	82	700	274	102	99	270	114	22	7.9	9.1
17	13	34	80	483	261	101	95	190	95	24	9.9	13
18	26	64	77	362	217	99	95	158	84	22	12	21
19	49	89	77	300	179	98	93	e139	76	19	12	14
20	31	121	52	233	160	102	91	e800	70	17	9.3	14
21	26	104	73	196	186	97	204	906	65	15	11	11
22	20	80	74	173	215	93	355	417	62	14	7.2	9.5
23	17	67	77	151	184	196	1140	293	58	13	5.1	10
24	26	68	67	175	167	281	2000	222	52	13	4.6	36
25	23	98	67	148	153	254	1390	178	50	12	4.1	174
26	26	107	63	129	140	544	849	152	49	15	3.7	149
27	23	85	59	139	130	450	814	136	52	13	3.8	232
28	20	88	55	112	136	965	593	126	85	14	4.7	137
29	18	82	59	129	---	1500	399	118	82	12	5.2	81
30	18	82	92	120	---	740	332	108	64	12	20	54
31	19	---	760	116	---	439	---	105	---	10	85	---
TOTAL	505.1	1668	4152	38344	6996	8732	13201	7090	3213	706	328.5	1187.7
MEAN	16.3	55.6	134	1237	250	282	440	229	107	22.8	10.6	39.6
MAX	49	121	760	6060	1000	1500	2000	906	318	63	85	232
MIN	8.0	17	52	112	89	93	91	105	49	10	3.7	4.4
CFSM	0.10	0.34	0.83	7.64	1.54	1.74	2.72	1.41	0.66	0.14	0.07	0.24
IN.	0.12	0.38	0.95	8.80	1.61	2.01	3.03	1.63	0.74	0.16	0.08	0.27

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993-2005, BY WATER YEAR (WY)

MEAN	35.1	99.7	153	317	210	261	295	305	237	123	56.0	43.3
MAX	106	312	368	1237	319	506	493	845	673	701	335	377
(WY)	2004	1994	2002	2005	2004	2003	1996	1996	1997	1993	1995	2003
MIN	1.74	6.81	10.5	56.6	91.7	74.9	70.2	55.5	18.5	16.8	3.50	0.11
(WY)	2000	2000	2000	2001	1995	2001	1997	1999	1999	1999	1999	1999

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1993-2005		
ANNUAL TOTAL	74449.0		86123.3				
ANNUAL MEAN	203		236		178		
HIGHEST ANNUAL MEAN					256		1996
LOWEST ANNUAL MEAN					91.1		1999
HIGHEST DAILY MEAN	4000	Jan 5	6060	Jan 6	6060	Jan 6	2005
LOWEST DAILY MEAN	7.8	Sep 28	3.7	Aug 26	0.00	Sep 5	1999
ANNUAL SEVEN-DAY MINIMUM	8.3	Oct 6	4.5	Aug 23	0.00	Sep 12	1999
MAXIMUM PEAK FLOW			6560	Jan 6a	6560	Jan 6	2005
MAXIMUM PEAK STAGE			15.67	Jan 6	15.67	Jan 6	2005
INSTANTANEOUS LOW FLOW			3.7	Aug 26	0.00	Sep 4	1999
ANNUAL RUNOFF (CFSM)	1.26		1.46		1.10		
ANNUAL RUNOFF (INCHES)	17.10		19.78		14.91		
10 PERCENT EXCEEDS	503		463		428		
50 PERCENT EXCEEDS	94		93		73		
90 PERCENT EXCEEDS	14		8.5		8.9		

a Peaks above base shown in table of peak discharges and stages at continuous-record surface-water-discharge stations.
e Estimated.

03230450 Hellbranch Run near Harrisburg, Ohio

LOCATION.—Latitude 39°50′52″, longitude 83°09′26″, Franklin County, Hydrologic Unit 05060001, on right downstream side of State Route 665 bridge, 2.5 mi upstream from mouth, 2.7 mi north-northwest of Harrisburg, Ohio and 1.5 mi east of Darbydale, Ohio.
DRAINAGE AREA.—35.8 mi^2.

Water-Discharge Records

PERIOD OF RECORD.—October 1992 to current year.
GAGE.—Water-stage recorder and crest-stage gage. Elevation of gage is 813 ft above sea level (from topographic map). Prior to Sept. 2001 at site 1.5 mi downstream at elevation 28 ft lower.
REMARKS.—Records fair. Water-quality data collected at this 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	3.3	6.6	181	316	14	45	63	45	9.8	30	0.62	40
2	3.1	8.0	84	158	13	30	257	35	9.2	16	0.39	19
3	3.2	19	50	683	13	23	255	28	8.7	8.7	0.26	12
4	3.1	23	40	722	13	21	110	23	8.1	5.8	0.19	9.2
5	2.9	25	28	1070	13	23	73	19	7.5	4.5	0.22	7.0
6	2.7	17	24	1540	17	37	52	18	7.1	4.7	0.22	5.7
7	2.5	13	35	802	42	36	45	17	6.4	3.9	0.10	4.5
8	2.3	9.8	41	426	250	29	39	15	50	3.0	0.13	4.1
9	2.1	7.6	70	246	160	21	30	14	40	2.3	0.06	4.0
10	1.9	6.6	148	159	103	18	25	13	17	2.1	0.02	3.5
11	1.8	7.3	74	371	67	18	22	13	16	1.9	0.00	2.6
12	2.0	56	50	1230	49	17	20	18	11	1.5	0.00	2.4
13	3.2	30	36	508	44	15	18	15	9.4	1.6	0.00	1.9
14	4.2	18	25	491	62	13	15	31	7.9	2.6	0.00	1.4
15	11	13	21	197	77	12	14	41	6.6	3.9	0.00	1.1
16	15	14	18	124	59	11	12	23	5.4	3.0	0.00	2.1
17	8.7	27	16	89	45	12	11	17	4.7	24	0.00	11
18	65	123	14	63	33	11	11	14	4.2	9.6	0.00	6.5
19	127	87	13	51	26	12	12	16	3.6	6.0	0.00	4.7
20	47	92	11	42	26	20	11	199	3.2	4.8	1.5	5.9
21	26	53	11	35	43	17	20	87	2.9	4.1	3.1	6.8
22	15	37	10	32	34	15	23	53	2.8	2.8	2.9	5.1
23	13	30	31	25	27	77	357	39	3.2	2.0	1.3	5.0
24	39	52	31	24	24	65	308	28	2.5	1.5	0.59	27
25	24	64	26	23	22	77	199	22	2.0	1.3	0.23	36
26	14	37	18	23	21	128	120	18	1.8	1.6	0.06	34
27	11	27	13	17	18	73	153	15	1.8	1.5	0.10	29
28	9.1	43	12	16	24	534	87	15	2.2	1.8	0.00	15
29	8.6	34	16	16	---	322	62	13	14	1.9	4.9	14
30	8.7	40	76	16	---	137	57	12	13	1.6	13	13
31	8.1	---	508	15	---	87	---	11	---	1.1	96	---
TOTAL	488.5	1019.9	1731	9530	1339	1956	2481	927	282.0	161.1	125.89	333.5
MEAN	15.8	34.0	55.8	307	47.8	63.1	82.7	29.9	9.40	5.20	4.06	11.1
MAX	127	123	508	1540	250	534	357	199	50	30	96	40
MIN	1.8	6.6	10	15	13	11	11	11	1.8	1.1	0.00	1.1
CFSM	0.43	0.92	1.51	8.31	1.29	1.71	2.24	0.81	0.25	0.14	0.11	0.30
IN.	0.49	1.03	1.74	9.58	1.35	1.97	2.49	0.93	0.28	0.16	0.13	0.34

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993-2005, BY WATER YEAR (WY)

MEAN	6.01	17.5	37.3	88.6	51.2	59.0	73.2	64.6	46.7	19.2	14.0	10.5
MAX	16.0	46.2	82.0	307	85.8	109	157	187	142	82.1	65.4	97.3
(WY)	1996	1993	1997	2005	2004	1993	1996	1996	1997	1993	1995	2003
MIN	0.00	0.01	1.95	10.9	23.6	13.8	12.7	5.40	0.36	0.30	0.00	0.00
(WY)	1995	2000	2000	2001	1995	2001	1997	1999	1999	1999	1999	1999

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1993-2005		
ANNUAL TOTAL	20689.2		20374.89				
ANNUAL MEAN	56.5		55.8		40.6		
HIGHEST ANNUAL MEAN					66.8		1996
LOWEST ANNUAL MEAN					22.9		2000
HIGHEST DAILY MEAN	1430	Jan 5	1540	Jan 6	2000	Jun 29	1998
LOWEST DAILY MEAN	1.8	Oct 11	0.00	Aug 11	0.00	Aug 30	1993
ANNUAL SEVEN-DAY MINIMUM	2.2	Oct 6	0.00	Aug 11	0.00	Sep 13	1993
MAXIMUM PEAK FLOW			1700	Jan 6a	3180	Jun 29	1998
MAXIMUM PEAK STAGE			9.85	Jan 6	14.19	Jun 29	1998
INSTANTANEOUS LOW FLOW			0.00	Aug 11	0.00	Sep 23	1993
ANNUAL RUNOFF (CFSM)	1.53		1.51		1.10		
ANNUAL RUNOFF (INCHES)	20.80		20.49		14.91		
10 PERCENT EXCEEDS	106		106		89		
50 PERCENT EXCEEDS	26		16		12		
90 PERCENT EXCEEDS	4.1		1.7		0.18		

a Peaks above base shown in table of peak discharges and stages at continuous-record surface-water-discharge stations.

03230450 Hellbranch Run near Harrisburg, Ohio—Continued

Water-Quality Records

PERIOD OF RECORD.—May 1992 to current year.
PERIOD OF DAILY RECORD.—
SUSPENDED-SEDIMENT DISCHARGE: October 1992 to current year.
INSTRUMENTATION.—Refrigerated water-quality pumping sampler since Oct. 1992.
REMARKS.—Water-quality samples were collected by equal-width-increment (EWI) sampling method, approximately once per month. Suspended-sediment samples and seasonal-event water-quality samples were collected by pumping sampler. Pumped samples were collected for every 0.5-ft rise and 1 ft drop in stage. Sediment samples were also collected at a single vertical, approximately once per week. Suspended-sediment loads were calculated using the mean-interval method (Porterfield, George, 1972, Computation of Fluvial-Sediment Discharge: U.S. Geological Survey, Techniques of Water-Resources Investigations, book 3, chap. C3, 66 p.). For days with unsteady concentration, discharge, or both, the day was subdivided into quarter-hour intervals and the daily load was calculated by summing the loads for these quarter-hour intervals. This required interpolation between measured and estimated concentrations.
EXTREMES FOR PERIOD OF DAILY RECORD.—
SEDIMENT CONCENTRATIONS: Maximum daily mean, 819 mg/L, June 29, 1998; minimum daily mean, 0.0 mg/L, on several days during 2004.
SEDIMENT LOADS: Maximum daily, 4,420 tons, June 29, 1998; minimum daily, 0.00 ton, on many days during 1993-1995, 1998, 1999, 2002, and on several days during 1996, 1997, 2000, 2004, and 2005.
EXTREMES FOR CURRENT YEAR.—
SEDIMENT CONCENTRATIONS: Maximum daily mean, 493 mg/L, March 28; minimum daily mean, 1 mg/L, on several days during the year.
SEDIMENT LOADS: Maximum daily, 1,000 tons, Jan. 6; minimum daily, 0.00 ton, on several days during the year.

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

[---, no data; e, estimated]

Day	Mean discharge (cfs)	Mean concentration (mg/l)	Sediment discharge (tons/day)	Mean discharge (cfs)	Mean concentration (mg/l)	Sediment discharge (tons/day)	Mean discharge (cfs)	Mean concentration (mg/l)	Sediment discharge (tons/day)	Mean discharge (cfs)	Mean concentration (mg/l)	Sediment discharge (tons/day)
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	3.3	1	0.01	6.6	3	0.06	181	109	56	316	100	92
2	3.1	1	0.01	8.0	5	0.12	84	42	9.9	158	48	21
3	3.2	2	0.01	19	9	0.46	50	23	3.2	683	229	474
4	3.1	2	0.01	23	10	0.70	40	13	1.5	722	97	202
5	2.9	2	0.02	25	10	0.68	28	10	0.79	1070	168	519
6	2.7	2	0.01	17	8	0.36	24	8	0.48	1540	238	1000
7	2.5	2	0.01	13	7	0.26	35	13	1.4	802	94	207
8	2.3	2	0.01	9.8	7	0.19	41	10	1.1	426	76	88
9	2.1	2	0.01	7.6	7	0.14	70	62	25	246	59	40
10	1.9	1	0.01	6.6	6	0.11	148	78	35	159	45	20
11	1.8	1	0.01	7.3	7	0.16	74	32	6.6	371	177	375
12	2.0	1	0.01	56	44	6.5	50	25	3.4	1230	269	903
13	3.2	1	0.01	30	18	1.6	36	20	2.0	508	121	170
14	4.2	1	0.01	18	10	0.50	25	19	1.3	491	110	150
15	11	1	0.04	13	6	0.20	21	20	1.1	197	80	43
16	15	2	0.06	14	5	0.17	18	20	0.95	124	65	22
17	8.7	2	0.04	27	42	8.4	16	20	0.85	89	52	13
18	65	64	31	123	93	36	14	21	0.79	63	40	6.9
19	127	61	24	87	41	9.6	13	21	0.74	51	34	4.6
20	47	31	4.0	92	25	6.3	11	18	0.52	42	28	3.1
21	26	22	1.6	53	17	2.5	11	14	0.40	35	22	2.0
22	15	12	0.52	37	13	1.3	10	9	0.26	32	15	1.3
23	13	6	0.27	30	11	0.85	31	17	1.7	25	11	0.73
24	39	7	0.69	52	32	6.2	31	13	1.1	24	9	0.58
25	24	4	0.28	64	26	4.9	26	10	0.70	23	7	0.45
26	14	4	0.14	37	12	1.2	18	9	0.43	23	7	0.40
27	11	3	0.08	27	7	0.52	13	8	0.27	17	6	0.29
28	9.1	2	0.05	43	15	1.7	12	6	0.20	16	6	0.25
29	8.6	2	0.05	34	9	0.81	16	7	0.34	16	5	0.23
30	8.7	2	0.05	40	31	6.3	76	39	12	16	5	0.22
31	8.1	2	0.04	---	---	---	508	223	306	15	5	0.19
TOTAL	488.5	---	63.06	1019.9	---	98.79	1731	---	476.02	9530	---	4360.24

03230450 Hellbranch Run near Harrisburg, Ohio—Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—Continued

[---, no data; e, estimated]

Day	Mean discharge (cfs)	Mean concentration (mg/l)	Sediment discharge (tons/day)	Mean discharge (cfs)	Mean concentration (mg/l)	Sediment discharge (tons/day)	Mean discharge (cfs)	Mean concentration (mg/l)	Sediment discharge (tons/day)	Mean discharge (cfs)	Mean concentration (mg/l)	Sediment discharge (tons/day)
	FEBRUARY			MARCH			APRIL			MAY		
1	14	4	0.16	45	17	2.1	63	40	6.9	45	10	1.2
2	13	4	0.13	30	12	0.99	257	105	92	35	7	0.69
3	13	3	0.12	23	10	0.61	255	82	60	28	6	0.48
4	13	3	0.11	21	8	0.46	110	48	15	23	6	0.34
5	13	4	0.14	23	10	0.64	73	32	6.4	19	5	0.25
6	17	7	0.30	37	14	1.4	52	24	3.4	18	4	0.19
7	42	25	4.3	36	10	0.96	45	15	1.8	17	4	0.16
8	250	115	79	29	8	0.65	39	7	0.75	15	3	0.13
9	160	53	23	21	7	0.41	30	5	0.43	14	3	0.10
10	103	33	9.3	18	6	0.31	25	5	0.33	13	2	0.08
11	67	20	3.7	18	7	0.34	22	4	0.25	13	2	0.06
12	49	17	2.3	17	8	0.38	20	4	0.20	18	1	0.07
13	44	15	1.7	15	9	0.38	18	3	0.15	15	1	0.04
14	62	32	6.4	13	11	0.38	15	3	0.11	31	19	2.0
15	77	28	6.1	12	12	0.39	14	2	0.08	41	17	1.9
16	59	17	2.8	11	13	0.39	12	2	0.07	23	9	0.59
17	45	14	1.7	12	10	0.33	11	2	0.08	17	7	0.30
18	33	10	0.93	11	8	0.23	11	3	0.08	14	8	0.29
19	26	8	0.59	12	7	0.25	12	3	0.08	16	11	0.55
20	26	15	1.3	20	14	0.75	11	3	0.07	199	153	92
21	43	40	4.7	17	8	0.38	20	8	0.52	87	49	12
22	34	32	3.0	15	7	0.30	23	10	0.73	53	23	3.4
23	27	29	2.1	77	61	14	357	185	172	39	16	1.7
24	24	28	1.8	65	30	5.5	308	87	75	28	10	0.74
25	22	23	1.4	77	72	18	199	51	29	22	5	0.27
26	21	19	1.0	128	89	32	120	45	15	18	4	0.18
27	18	14	0.70	73	40	8.1	153	39	17	15	3	0.14
28	24	14	0.97	534	493	851	87	24	5.7	15	3	0.12
29	---	---	---	322	217	207	62	17	2.9	13	3	0.10
30	---	---	---	137	126	48	57	13	1.9	12	3	0.08
31	---	---	---	87	64	15	---	---	---	11	2	0.07
TOTAL	1339	---	159.75	1956	---	1211.63	2481	---	507.93	927	---	120.22

	JUNE			JULY			AUGUST			SEPTEMBER		
1	9.8	2	0.05	30	35	2.9	0.62	19	0.03	40	17	1.9
2	9.2	2	0.05	16	17	0.75	0.39	22	0.02	19	11	0.57
3	8.7	2	0.05	8.7	12	0.29	0.26	25	0.02	12	9	0.30
4	8.1	2	0.04	5.8	10	0.15	0.19	28	0.01	9.2	7	0.18
5	7.5	2	0.04	4.5	8	0.10	0.22	27	0.02	7.0	6	0.12
6	7.1	2	0.04	4.7	8	0.10	0.22	24	0.01	5.7	6	0.09
7	6.4	2	0.03	3.9	7	0.07	0.10	22	0.01	4.5	6	0.07
8	50	372	162	3.0	6	0.05	0.13	19	0.01	4.1	5	0.06
9	40	135	18	2.3	6	0.04	0.06	17	0.00	4.0	5	0.06
10	17	38	1.8	2.1	6	0.04	0.02	14	0.00	3.5	6	0.05
11	16	26	1.1	1.9	7	0.03	0.00	12	0.00	2.6	6	0.04
12	11	17	0.55	1.5	7	0.03	0.00	13	0.00	2.4	6	0.04
13	9.4	11	0.29	1.6	7	0.03	0.00	15	0.00	1.9	7	0.04
14	7.9	17	0.36	2.6	8	0.06	0.00	16	0.00	1.4	7	0.03
15	6.6	23	0.41	3.9	8	0.08	0.00	18	0.00	1.1	8	0.02
16	5.4	22	0.32	3.0	7	0.05	0.00	19	0.00	2.1	8	0.04
17	4.7	20	0.25	24	16	1.3	0.00	17	0.00	11	7	0.22
18	4.2	18	0.20	9.6	8	0.21	0.00	15	0.00	6.5	7	0.12
19	3.6	16	0.15	6.0	7	0.11	0.00	14	0.00	4.7	6	0.08
20	3.2	14	0.12	4.8	6	0.08	1.5	12	0.05	5.9	5	0.08
21	2.9	12	0.09	4.1	6	0.06	3.1	10	0.08	6.8	5	0.09
22	2.8	10	0.07	2.8	5	0.04	2.9	8	0.07	5.1	4	0.06
23	3.2	18	0.15	2.0	5	0.03	1.3	7	0.02	5.0	4	0.05
24	2.5	20	0.13	1.5	4	0.02	0.59	5	0.01	27	16	2.4
25	2.0	17	0.09	1.3	4	0.01	0.23	3	0.00	36	16	1.7
26	1.8	14	0.07	1.6	3	0.01	0.06	4	0.00	34	22	2.4
27	1.8	10	0.05	1.5	4	0.01	0.10	6	0.00	29	13	1.1
28	2.2	7	0.04	1.8	6	0.03	0.00	7	0.00	15	8	0.33
29	14	9	0.38	1.9	9	0.05	4.9	9	0.12	14	7	0.26
30	13	10	0.40	1.6	13	0.05	13	14	1.1	13	6	0.20
31	---	---	---	1.1	16	0.05	96	47	13	---	---	---
TOTAL	282.0	---	187.32	161.1	---	6.83	125.89	---	14.58	333.5	---	12.70
YEAR	20374.89		7219.07									

03230450 Hellbranch Run near Harrisburg, Ohio—Continued

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

[(00061), USGS National Water Information System parameter code; cfs, cubic feet per second; Sampling code*, 10 means stream cross-section sample collected by equal-width-increment method (EWI), 50 means point sample collected from refrigerated automatic sampler; mg/L, milligrams per liter; std, standard; µS/cm, microsiemens per centimeter; deg C, degrees Celsius; --, no data]

Date	Time	Instantaneous discharge, cfs (00061)	Sampling method, code* (82398)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd, field, std units (00400)	Specif. conductance, water, unf, µS/cm 25 deg C (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Chloride, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)
Oct. 19	1250	111	10	--	--	417	12.5	11.0	--	--
Nov. 1	1205	6.6	10	9.8	8.0	847	16.0	12.0	78.6	7.33
Jan. 3	1230	963	10	--	--	306	14.5	10.5	--	--
Jan. 11	1845	572	50	--	--	--	--	--	30.8	5.97
Jan. 11	2030	896	50	--	--	--	--	--	23.9	5.85
Jan. 11	2130	1130	50	--	--	--	--	--	17.5	4.67
Jan. 12	0730	1300	50	--	--	--	--	--	13.7	4.38
Jan. 12	2345	924	50	--	--	--	--	--	17.7	5.22
Jan. 13	1100	419	50	--	--	--	--	--	22.6	6.30
Jan. 15	2000	157	50	--	--	--	--	--	31.5	6.82
Feb. 15	1150	74	10	11.3	8.0	688	15.5	6.0	79.9	6.33
Mar. 16	1230	11	10	16.0	8.7	831	6.5	5.0	95.6	2.49
Mar. 28	0615	192	50	--	--	--	--	--	59.3	5.24
Mar. 28	0715	353	50	--	--	--	--	--	42.9	4.36
Mar. 28	0915	593	50	--	--	--	--	--	30.0	4.30
Mar. 28	1515	858	50	--	--	--	--	--	25.1	5.32
Mar. 29	0700	365	50	--	--	--	--	--	32.9	6.36
Mar. 31	0445	95	50	--	--	--	--	--	--	6.04
Apr. 19	1235	12	10	11.0	8.3	786	27.0	16.5	80.1	2.04
Apr. 25	1205	190	10	--	--	467	14.0	8.0	--	--
May 17	1335	17	10	11.4	8.4	716	19.0	14.0	60.5	4.68
June 13	1300	9.3	10	6.9	8.0	784	28.0	21.5	--	--
July 27	1045	1.6	10	--	7.9	719	22.0	23.0	82.4	7.06
Aug. 30	1055	4.7	10	6.6	7.9	584	22.0	21.0	74.6	5.03
Sept. 27	1155	28	10	7.9	8.1	542	19.5	19.5	48.4	6.09

03230450 Hellbranch Run near Harrisburg, Ohio—Continued

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

[(00945), USGS National Water Information System parameter code; mg/L, milligrams per liter; deg C, degrees Celsius; mm, millimeter; --, no data; <, concentration or value reported is less than that indicated]

Date	Sulfate water, fltrd, mg/L (00945)	Residue, total at 105 deg C, sus-pended, mg/L (00530)	Ammonia + org-N, water, unfltrd, mg/L as N (00625)	Ammonia, water, fltrd, mg/L as N (00608)	Nitrate, water, fltrd, mg/L as N (00618)	Nitrite, water, fltrd, mg/L as N (00613)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd, mg/L (00665)	Suspnd. sedi-ment, sieve diameter, percent <.063 mm (70331)	Sus-pended sedi-ment concen-tration, mg/L (80154)
Oct. 19	--	--	--	--	--	--	--	--	--	40
Nov. 1	50.7	<2	.45	.04	.53	.03	.028	.076	--	5
Jan. 3	--	--	--	--	--	--	--	--	83	364
Jan. 11	22.1	281	.99	.11	1.18	<.02	.049	.415	--	479
Jan. 11	17.2	344	2.0	.07	.93	<.02	.072	.503	--	424
Jan. 11	12.9	571	2.2	.07	.68	<.02	.069	.666	--	595
Jan. 12	11.9	279	1.1	.08	.61	<.02	.082	.424	--	287
Jan. 12	16.6	184	.54	.07	.80	<.02	.079	.333	--	133
Jan. 13	20.5	105	.70	.06	.92	<.02	.070	.257	--	104
Jan. 15	27.1	83	.62	.05	1.21	<.02	.068	.200	--	73
Feb. 15	32.4	29	.46	.09	2.17	<.02	.035	.133	--	32
Mar. 16	53.7	2	.25	.04	.89	<.02	<.010	.023	--	13
Mar. 28	33.4	569	2.6	.18	2.02	<.02	<.010	.484	--	630
Mar. 28	22.8	1050	4.1	.25	1.73	0.03	.020	1.01	--	1130
Mar. 28	17.8	835	4.4	.19	1.47	<.02	.022	1.04	--	862
Mar. 28	14.6	652	2.8	.15	1.11	<.02	.052	.789	--	569
Mar. 29	20.3	477	1.8	.15	1.64	<.02	.083	.561	--	212
Mar. 31	17.9	118	.64	.09	1.76	--	.036	.250	--	77
Apr. 19	45.2	3	.44	.05	.80	<.02	<.010	.028	--	2
Apr. 25	--	--	--	--	--	--	--	--	--	41
May 17	39.8	<2	.48	.05	3.77	.05	.021	.053	--	6
June 13	--	--	--	--	--	--	--	--	--	10
July 27	62.7	5	.56	.07	.70	<.02	.110	.133	--	3
Aug. 30	52.5	6	.57	.04	.83	<.02	.099	.133	--	8
Sept. 27	53.9	8	.69	.05	1.49	<.02	.070	.105	--	9

03230500 Big Darby Creek at Darbyville, Ohio

LOCATION.—Latitude 39°42′02,″ longitude 83°06′37″, Pickaway County, Hydrologic Unit 05060001, on right bank at upstream side of State Highway 316, 0.4 mi northeast of Darbyville, 0.4 mi upstream from Lizzard Run, and 3.0 mi downstream from Greenbrier Creek.

DRAINAGE AREA.—534 mi^2.

PERIOD OF RECORD.—October 1921 to December 1935, January 1938 to current year. Prior to October 1959, published as Darby Creek at Darbyville.

REVISED RECORDS.—WSP 1083: 1922(M), 1924(M), 1927(M), 1933(M), 1938(M). WSP 1305: 1928-31(M), 1934(M), 1945(M). WSP 1505: 1932(M). WSP 1908: Drainage area.

GAGE.—Water-stage recorder. Datum of gage is 713.69 ft above sea level. Prior to Mar. 17, 1940, nonrecording gage at same site and datum.

REMARKS.—Records fair. U.S. Army Corps of Engineers satellite telemeter at station.

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	39	87	1000	5080	271	482	939	835	202	446	18	556
2	61	92	1250	5710	246	585	1620	650	184	305	15	406
3	58	104	823	4270	257	437	4420	516	170	216	13	219
4	48	110	566	8220	248	395	2910	428	164	176	15	126
5	43	145	423	11400	234	381	1290	366	156	143	13	79
6	42	184	346	16100	251	438	857	330	137	127	18	56
7	42	162	343	19200	357	1050	682	311	136	107	19	48
8	41	128	425	9170	2080	1180	590	290	179	88	15	38
9	42	108	634	4710	3810	693	497	264	805	76	23	27
10	39	94	1050	3030	2470	479	427	246	690	70	28	22
11	39	86	787	2830	1480	416	378	228	751	60	21	19
12	38	163	607	9710	920	382	348	233	619	53	17	16
13	38	220	473	13300	734	345	330	231	481	60	13	13
14	43	179	370	9340	744	311	298	277	412	57	11	11
15	49	152	290	5830	1010	287	267	602	367	61	12	12
16	54	140	247	2580	944	266	243	550	362	57	13	12
17	53	138	231	1750	865	255	219	367	298	80	9.7	16
18	109	372	219	1300	773	246	213	294	254	92	11	139
19	592	599	205	1070	546	241	215	266	232	81	22	197
20	226	709	163	902	455	282	205	1880	202	76	44	135
21	159	578	165	766	510	271	228	2280	184	56	34	94
22	130	407	193	663	719	259	679	1090	177	45	26	67
23	102	319	259	556	578	430	2590	679	162	36	18	51
24	151	364	236	472	473	875	6380	499	145	31	12	195
25	145	484	214	519	426	740	5360	385	133	28	9.5	690
26	137	674	209	469	388	1520	2850	323	124	25	6.4	844
27	128	444	176	401	355	1640	2510	282	112	24	6.0	1070
28	108	393	167	325	355	3740	2080	261	119	28	6.4	811
29	94	382	168	340	---	5840	1190	239	440	24	8.2	457
30	86	366	311	330	---	2790	908	214	297	21	19	324
31	81	---	2260	294	---	1470	---	213	---	19	284	---
TOTAL	3017	8383	14810	140637	22499	28726	41723	15629	8694	2768	780.2	6750
MEAN	97.3	279	478	4537	804	927	1391	504	290	89.3	25.2	225
MAX	592	709	2260	19200	3810	5840	6380	2280	805	446	284	1070
MIN	38	86	163	294	234	241	205	213	112	19	6.0	11
CFSM	0.18	0.52	0.89	8.50	1.50	1.74	2.60	0.94	0.54	0.17	0.05	0.42
IN.	0.21	0.58	1.03	9.80	1.57	2.00	2.91	1.09	0.61	0.19	0.05	0.47

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1922-2005, BY WATER YEAR (WY)

MEAN	110	261	478	758	779	927	844	606	464	251	154	106
MAX	1223	1745	2287	4537	2146	2758	2190	2766	2228	1868	1216	1652
(WY)	1927	1986	1991	2005	1975	1963	1957	1996	1997	1993	1980	1979
MIN	3.91	13.6	18.5	23.4	37.2	84.0	133	42.6	14.9	9.08	9.82	6.43
(WY)	1964	1954	1964	1945	1934	1931	1925	1934	1934	1934	1930	1964

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1922-2005		
ANNUAL TOTAL	240514		294416.2				
ANNUAL MEAN	657		807		477		
HIGHEST ANNUAL MEAN					840		1996
LOWEST ANNUAL MEAN					79.1		1934
HIGHEST DAILY MEAN	13000	Jan 6	19200	Jan 7	38400	Jan 22	1959
LOWEST DAILY MEAN	38	Sep 28	6.0	Aug 27	1.4	Sep 17	1932
ANNUAL SEVEN-DAY MINIMUM	40	Oct 7	9.5	Aug 23	2.0	Oct 7	1963
MAXIMUM PEAK FLOW			21300	Jan 7a	49000	Jan 22	1959
MAXIMUM PEAK STAGE			15.63	Jan 7	17.94	Jan 22	1959
INSTANTANEOUS LOW FLOW			4.6	Aug 29	1.4	Sep 17	1932
ANNUAL RUNOFF (CFSM)	1.23		1.51		0.89		
ANNUAL RUNOFF (INCHES)	16.75		20.51		12.13		
10 PERCENT EXCEEDS	1450		1560		1140		
50 PERCENT EXCEEDS	314		259		163		
90 PERCENT EXCEEDS	55		24		26		

a Peaks above base shown in table of peak discharges and stages at continuous-record surface-water-discharge stations.

03230800 Deer Creek at Mt. Sterling, Ohio

LOCATION.—Latitude 39°42′54″, longitude 83°15′26″, Madison County, Hydrologic Unit 05060002, on left bank at downstream side of bridge on State Highway 56, 0.2 mi downstream from unnamed right bank tributary, 0.6 mi southeast of Mount Sterling, and 4.9 mi upstream from Duffs Fork.
DRAINAGE AREA.—228 mi^2.
PERIOD OF RECORD.—October 1966 to September 1981; October 1995 to current year.
REVISED RECORDS.—WDR OH-75-1: 1968(M).
GAGE.—Water-stage recorder. Datum of gage is 836.25 ft above sea level.
REMARKS.—Records fair except for periods of estimated record, which are poor. Water-quality and sediment data formerly collected at this 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	17	159	702	2520	e110	273	536	426	91	487	17	118
2	14	178	548	1010	e108	231	1050	370	85	288	17	44
3	15	282	406	2130	e105	203	2020	329	85	148	16	26
4	14	297	339	4630	e105	189	880	293	82	102	15	18
5	12	324	298	5070	e110	189	596	261	76	82	14	15
6	11	304	278	9920	e115	258	480	244	71	69	15	12
7	10	291	305	3870	e150	325	425	236	66	59	17	12
8	10	267	387	1530	1210	349	389	223	114	53	17	10
9	10	240	421	1180	1160	235	342	205	1340	47	17	9.9
10	11	234	818	813	688	203	318	198	518	41	18	9.5
11	12	235	464	1100	457	195	294	188	509	37	18	9.1
12	13	337	328	6430	357	183	280	204	393	35	19	8.8
13	15	354	265	2840	335	161	278	194	299	35	20	9.2
14	18	287	200	2340	365	142	241	250	223	39	18	9.7
15	22	252	167	1060	441	134	216	414	167	37	22	11
16	21	244	155	632	374	130	203	333	136	37	23	11
17	22	262	145	470	330	128	197	256	113	39	23	14
18	64	276	e130	377	273	123	196	215	95	35	25	11
19	543	342	e100	344	228	111	191	208	82	34	24	8.6
20	339	467	e84	309	212	156	184	735	72	30	31	8.8
21	243	371	e90	277	290	146	183	639	67	28	27	12
22	191	300	e100	e190	281	127	199	338	63	26	28	9.8
23	176	267	122	e160	239	440	1560	259	57	24	27	7.3
24	303	292	118	e150	222	496	2470	203	52	22	24	8.5
25	290	433	105	e140	204	364	1400	159	50	20	23	16
26	222	337	103	e135	193	659	871	137	47	20	24	18
27	196	287	88	e130	181	527	1070	124	46	20	29	20
28	183	308	84	e125	194	3210	732	119	371	21	34	15
29	165	317	93	e120	---	3250	537	110	626	21	39	11
30	166	286	162	e115	---	1050	485	99	238	19	52	9.7
31	161	---	1530	e110	---	714	---	102	---	18	167	---
TOTAL	3489	8830	9135	50227	9037	14901	18823	8071	6234	1973	860	502.9
MEAN	113	294	295	1620	323	481	627	260	208	63.6	27.7	16.8
MAX	543	467	1530	9920	1210	3250	2470	735	1340	487	167	118
MIN	10	159	84	110	105	111	183	99	46	18	14	7.3
CFSM	0.49	1.29	1.29	7.11	1.42	2.11	2.75	1.14	0.91	0.28	0.12	0.07
IN.	0.57	1.44	1.49	8.19	1.47	2.43	3.07	1.32	1.02	0.32	0.14	0.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967-2005, BY WATER YEAR (WY)

MEAN	58.0	155	277	375	356	418	402	371	285	115	100	79.3
MAX	180	743	641	1620	910	1239	786	1210	764	480	531	779
(WY)	1980	1973	1978	2005	1975	1978	1996	1996	1997	1973	1979	1979
MIN	6.29	9.67	15.7	10.0	111	107	58.5	29.2	17.0	12.9	13.7	3.73
(WY)	2000	1999	1977	1977	1978	2001	1976	1976	1999	1977	1999	1998

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1967-2005		
ANNUAL TOTAL	133231.5		132082.9				
ANNUAL MEAN	364		362		249		
HIGHEST ANNUAL MEAN					394		1996
LOWEST ANNUAL MEAN					82.7		1977
HIGHEST DAILY MEAN	10200	Jan 5	9920	Jan 6	10200	Jan 5	2004
LOWEST DAILY MEAN	4.9	Sep 21	7.3	Sep 23	0.89	Oct 8	2002
ANNUAL SEVEN-DAY MINIMUM	10	Sep 19	9.4	Sep 18	1.2	Oct 4	2002
MAXIMUM PEAK FLOW			11100	Jan 6a	11700	Jan 5	2004
MAXIMUM PEAK STAGE			12.58	Jan 6	12.76	Jan 5	2004
INSTANTANEOUS LOW FLOW					0.91	Sep 19	1999
ANNUAL RUNOFF (CFSM)	1.60		1.59		1.09		
ANNUAL RUNOFF (INCHES)	21.74		21.55		14.83		
10 PERCENT EXCEEDS	665		671		552		
50 PERCENT EXCEEDS	232		176		102		
90 PERCENT EXCEEDS	23		15		17		

a Peaks above base shown in table of peak discharges and stages at continuous-record surface-water-discharge stations.
e Estimated.

03231500 Scioto River at Chillicothe, Ohio

LOCATION.—Latitude 39°20′29″, longitude 82°58′16″, Ross County, Hydrologic Unit 05060002, on right bank at north end of Chillicothe, Ohio, 1,400 ft downstream from Bridge Street bridge, 7.4 mi upstream from Paint Creek, and 15.4 mi downstream from Deer Creek.

DRAINAGE AREA.—3,849 mi^2.

PERIOD OF RECORD.—December 1913 to September 1914 (gage heights and discharge measurements only). October 1920 to current year. Monthly discharge only for some periods, published in WSP 1305. Gage-height records collected in this vicinity since 1907 are contained in reports of the National Weather Service.

REVISED RECORDS.—WSP 803: 1929(M). WSP 1908: Drainage area.

GAGE.—Water-stage recorder. Datum of gage is 594.05 ft above sea level. Prior to Sept. 30, 1914, nonrecording gage at site 1,300 ft upstream at different datum; Apr. 1, 1921-Aug. 6, 1930, nonrecording gage, at site 1,400 ft upstream at present datum; Aug. 7, 1930-Sept. 30, 1969, water-stage recorder 900 ft upstream at same datum.

REMARKS.—Records fair. Flow regulated by 6 reservoirs 36 mi to 91 mi upstream from station. Water-quality data formerly collected at this site. U.S. Army Corps of Engineers satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood of Mar. 26, 1913, reached a stage of 39.8 ft; discharge, 260,000 ft^3/s (estimated by Franklin County Conservancy District).

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	735	1560	6190	13600	6410	3720	8570	8580	1900	3270	738	8310
2	782	1490	8330	18200	5580	4510	7630	6440	1680	4590	753	4750
3	841	1640	6690	20700	4830	4190	15200	5020	1580	3180	733	3410
4	919	2310	4940	25200	4470	3740	19900	4000	1490	1910	690	2230
5	897	3060	3830	36800	4220	3300	15400	3420	1420	1480	635	1650
6	866	2600	3060	50600	4080	3440	11800	2950	1380	1430	812	1260
7	880	2150	2580	63400	4460	3760	8290	2670	1340	1600	1400	1030
8	863	2790	3220	64400	7680	5700	5640	2480	1320	1210	912	908
9	870	2410	3040	47300	16000	6140	4350	2310	1630	1120	744	825
10	878	1810	6430	32700	18900	4720	3570	2220	3100	1020	737	776
11	875	1530	6630	26900	18400	3900	3160	2160	2800	969	764	729
12	877	1950	4610	33500	14800	3310	3110	2110	2950	867	737	690
13	889	2980	4050	39600	9640	3020	3080	2330	2290	879	669	642
14	1210	2070	3810	56100	7060	2790	2810	2290	2350	978	612	599
15	1420	1720	3320	52300	7850	2700	2540	3890	2040	1190	718	576
16	1680	1600	2580	43200	8180	2460	2290	3370	1710	1010	739	571
17	1430	1560	2200	32200	7690	2180	2050	3010	1510	1280	726	1060
18	1370	2340	2070	25700	7760	2100	2010	2660	1390	1970	929	1220
19	6630	3900	2000	21200	6790	2400	1980	2370	1270	1290	1000	962
20	5230	5100	1930	17400	5060	2850	1990	3640	1180	1430	867	1300
21	2880	4220	1730	15000	4570	2840	1980	7680	1080	1190	750	1240
22	2260	3050	1790	13400	4700	2320	2850	5110	1060	1070	886	999
23	1770	3430	4110	12300	5250	2720	4820	3820	1020	1330	746	821
24	2020	3470	7750	11300	5620	4450	14200	3130	966	1070	612	953
25	2510	4890	4550	10800	4580	4850	18900	2650	902	839	547	4390
26	2040	4110	2870	10800	3990	5100	20300	2260	895	745	541	3300
27	1820	4680	2400	11000	3550	6690	18600	2080	1250	972	517	5220
28	1770	5220	2150	10400	3070	12500	18800	1950	959	951	536	5640
29	1680	5090	2120	9390	---	23200	15900	1940	977	876	803	4690
30	1590	3650	2680	7120	---	22900	12400	2010	2170	777	1730	4000
31	1660	---	5800	6750	---	14500	---	1850	---	760	4600	---
TOTAL	52142	88380	119460	839260	205190	173000	254120	102400	47609	43253	28183	64751
MEAN	1682	2946	3854	27070	7328	5581	8471	3303	1587	1395	909	2158
MAX	6630	5220	8330	64400	18900	23200	20300	8580	3100	4590	4600	8310
MIN	735	1490	1730	6750	3070	2100	1980	1850	895	745	517	571

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1921-2005 BY WATER YEAR (WY)

MEAN	1021	2042	3581	5508	5767	7031	6120	4333	3387	2152	1451	1074
MAX	8068	12130	14120	30110	13700	19450	14640	18590	11080	9507	8263	10180
(WY)	1927	1973	1991	1937	1951	1963	1957	1996	2004	1992	1980	1979
MIN	192	210	222	312	386	1041	1136	440	378	303	214	207
(WY)	1954	1935	1935	1931	1934	1931	1941	1934	1925	1930	1930	1953

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1921-2005		
ANNUAL TOTAL	1983486		2017748				
ANNUAL MEAN	5419		5528		3611		
HIGHEST ANNUAL MEAN					6217		1973
LOWEST ANNUAL MEAN					883		1934
HIGHEST DAILY MEAN	48400	Jan 7	64400	Jan 8	127000	Jan 23	1959
LOWEST DAILY MEAN	720	Sep 29	517	Aug 27	166	Sep 27	1944
ANNUAL SEVEN-DAY MINIMUM	766	Sep 26	615	Aug 23	174	Sep 21	1944
MAXIMUM PEAK FLOW			67700	Jan 8	144000	Jan 23	1959
MAXIMUM PEAK STAGE			20.89	Jan 8	32.50	Jan 23	1959
10 PERCENT EXCEEDS	13600		13800		9310		
50 PERCENT EXCEEDS	3140		2540		1540		
90 PERCENT EXCEEDS	1050		823		386		

03232000 Paint Creek near Greenfield, Ohio

LOCATION.—Latitude 39°22′45″, longitude 83°22′32″, Fayette County, Hydrologic Unit 05060003, on right bank at upstream side of bridge on State Highway 753, 0.6 mi upstream from Stone Run, 2 mi north of Greenfield, Ohio, and 3.0 mi downstream from Indian Creek.

DRAINAGE AREA.—249 mi^2.

PERIOD OF RECORD.—August 1926 to November 1935, October 1939 to September 1956; water years 1962-66 (occasional low-flow measurements), water years 1963-66 (annual maximums); October 1966 to September 1981; water years 1993-1995 (stage only); October 1995 to current year.

REVISED RECORDS.—WSP 743: 1926(M). WSP 758: 1926-33. WSP 1908: Drainage area.

GAGE.—Water-stage recorder. Datum of gage is 844.27 ft above sea level. Prior to Feb. 14, 1940, nonrecording gage; Feb. 14, 1940-June 3, 1955, water-stage recorder; June 4, 1955-Sept. 30, 1956, nonrecording gage, at same site at datum 1.00 ft higher.

REMARKS.—Records fair except for periods of estimated record and discharges less than 3 ft^3/s, which are poor. Sediment data formerly collected at this 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	9.0	101	956	2970	e75	206	624	416	72	96	3.9	51
2	7.0	97	892	2680	e73	202	1540	334	69	85	3.6	36
3	10	125	570	2480	e72	184	2430	263	69	114	3.3	34
4	9.5	182	398	3550	e72	174	1490	217	72	72	2.8	16
5	11	195	310	6930	e73	175	748	188	67	52	2.7	9.3
6	8.8	171	267	10800	e77	188	499	170	64	40	3.0	5.3
7	7.7	150	330	7670	e150	269	399	159	59	29	13	3.6
8	6.6	124	375	3220	1560	482	331	149	66	24	11	3.0
9	7.2	106	433	1960	2210	405	266	138	231	21	6.4	2.4
10	6.7	94	1090	1300	1660	263	224	131	274	17	4.9	2.0
11	6.5	90	929	2280	889	222	199	121	603	14	4.3	1.6
12	6.9	253	587	4250	555	196	185	116	571	11	3.5	1.4
13	9.7	219	426	4240	461	168	184	109	355	12	3.1	1.6
14	14	174	317	3340	502	142	161	183	263	13	3.1	1.2
15	20	147	248	1930	577	133	138	183	185	14	3.1	0.99
16	27	129	216	1040	534	124	124	206	145	17	3.1	0.99
17	13	122	197	634	451	120	116	165	114	16	3.1	1.2
18	210	122	181	441	352	117	112	137	95	12	3.6	1.5
19	925	488	171	398	276	117	107	126	81	10	3.6	1.9
20	850	712	125	331	233	149	101	184	68	8.5	5.7	2.0
21	419	489	153	267	230	160	98	205	62	7.6	3.6	3.6
22	270	341	148	e170	229	152	106	189	56	7.9	2.3	2.6
23	217	272	332	e130	221	303	1260	162	51	7.4	1.8	1.4
24	451	553	315	e120	204	732	2540	141	46	7.0	1.7	1.5
25	363	663	292	e110	186	514	2040	122	43	6.3	1.7	1.1
26	254	423	e180	e100	173	446	1190	108	38	6.4	2.3	1.5
27	192	313	e150	e96	159	512	1060	100	45	6.4	2.2	1.6
28	155	300	e120	e90	167	3350	850	108	38	5.6	1.7	3.0
29	132	267	e160	e86	---	5490	574	102	56	5.3	2.2	1.9
30	123	277	736	e82	---	2780	460	89	52	4.7	4.7	1.4
31	114	---	1980	e78	---	1050	---	78	---	4.5	80	---
TOTAL	4855.6	7699	13584	63773	12421	19525	20156	5099	4010	746.6	195.0	196.58
MEAN	157	257	438	2057	444	630	672	164	134	24.1	6.29	6.55
MAX	925	712	1980	10800	2210	5490	2540	416	603	114	80	51
MIN	6.5	90	120	78	72	117	98	78	38	4.5	1.7	0.99
MED	20	188	315	1040	230	202	365	149	68	12	3.1	1.9
CFSM	0.63	1.03	1.76	8.26	1.78	2.53	2.70	0.66	0.54	0.10	0.03	0.03
IN.	0.73	1.15	2.03	9.53	1.86	2.92	3.01	0.76	0.60	0.11	0.03	0.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927-2005, BY WATER YEAR (WY)

MEAN	50.5	116	258	408	422	488	411	359	240	102	71.9	60.8
MAX	606	827	784	2057	1078	1712	1190	1731	791	519	633	830
(WY)	1927	1973	1951	2005	1951	1945	1940	1968	1981	1973	1980	1979
MIN	0.59	1.11	2.08	2.97	8.06	28.9	57.3	20.6	2.48	0.82	0.47	0.16
(WY)	1931	1954	1995	1995	1954	1931	1941	1941	1993	1930	1930	1953

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1927-2005		
ANNUAL TOTAL	140186.5		152260.78				
ANNUAL MEAN	383		417		250		
HIGHEST ANNUAL MEAN					442		1996
LOWEST ANNUAL MEAN					56.1		1954
HIGHEST DAILY MEAN	7900	Jan 5	10800	Jan 6	14400	May 24	1968
LOWEST DAILY MEAN	6.5	Oct 11	0.99	Sep 15	0.00	Sep 10	1953
ANNUAL SEVEN-DAY MINIMUM	7.2	Oct 6	1.3	Sep 12	0.04	Sep 26	1953
MAXIMUM PEAK FLOW			12600	Jan 6a	21700	May 24	1968
MAXIMUM PEAK STAGE			12.55	Jan 6	14.28	May 24	1968
INSTANTANEOUS LOW FLOW					0.00	Sep 10	1953
ANNUAL RUNOFF (CFSM)	1.54		1.68		1.01		
ANNUAL RUNOFF (INCHES)	20.94		22.75		13.66		
10 PERCENT EXCEEDS	919		905		615		
50 PERCENT EXCEEDS	170		131		85		
90 PERCENT EXCEEDS	16		3.1		4.4		

a Peaks above base shown in table of peak discharges and stages at continuous-record surface-water-discharge stations.
e Estimated.

03232500 Rocky Fork near Barretts Mills, Ohio

LOCATION.—Latitude 39°13′06″, longitude 83°23′08″, Highland County, Hydrologic Unit 05060003, on left bank at downstream side of highway bridge, 1.1 mi north of Barretts Mills, Ohio, 2 mi east of Rainsboro, Ohio, 2.8 mi upstream from mouth, and 6 mi downstream from Rocky Fork Lake.

DRAINAGE AREA.—140 mi^2.

PERIOD OF RECORD.—October 1939 to current year.

REVISED RECORDS.—WSP 1908: Drainage area.WDR OH-96-1: 1995 (M)

GAGE.—Water-stage recorder. Datum of gage is 770.8 ft above sea level (levels by U.S. Army Corps of Engineers). Prior to Feb. 15, 1940, nonrecording gage at same site and datum.

REMARKS.—Records fair. Flow regulated by Rocky Fork Lake 6 mi upstream, since 1952, capacity, 34,100 acre-ft. Water-quality data formerly collected at this site. U.S. Army Corps of Engineers satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD.—Maximum gage height, 15.56 ft, Mar. 6, 1945.

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	8.5	73	883	532	134	167	231	237	52	79	10	60
2	7.9	80	680	434	131	146	930	207	46	53	8.7	47
3	7.5	130	509	930	140	129	1330	182	46	40	7.8	35
4	7.0	356	135	2330	146	125	374	161	48	35	7.2	27
5	6.4	274	84	3170	161	223	307	146	45	28	7.1	21
6	6.2	144	118	4510	199	209	260	136	42	25	18	18
7	6.0	130	232	2350	277	209	240	128	38	21	25	16
8	5.9	109	311	1520	537	238	225	121	35	17	23	14
9	5.9	90	289	147	558	201	195	113	33	15	19	12
10	5.9	78	456	132	481	180	176	108	31	13	16	12
11	5.4	77	700	303	369	170	159	99	31	10	16	11
12	5.6	353	543	1050	298	167	143	106	33	9.5	58	11
13	5.8	328	393	907	254	157	144	94	33	11	43	9.6
14	6.6	250	35	1030	314	147	134	124	44	14	34	9.0
15	9.0	197	50	472	349	138	120	134	69	18	26	8.4
16	11	163	72	395	323	128	177	113	51	23	22	8.8
17	17	142	88	325	286	123	162	96	40	41	20	11
18	96	133	99	260	236	117	53	82	34	58	17	13
19	980	444	105	236	203	120	58	80	29	162	18	12
20	532	906	88	218	187	193	63	105	27	216	19	16
21	494	794	89	209	188	197	63	95	24	158	21	21
22	334	187	111	203	171	180	188	88	22	92	18	18
23	244	69	579	180	153	261	2810	89	19	59	15	17
24	279	182	478	166	149	397	1980	71	15	45	11	20
25	234	390	316	155	142	334	877	62	14	37	8.4	18
26	181	328	238	157	138	288	157	57	12	30	7.7	24
27	150	568	177	148	133	256	285	53	11	25	7.6	25
28	129	492	146	134	143	2510	280	59	11	22	7.7	20
29	111	115	158	134	---	2300	258	68	10	18	14	19
30	111	114	312	141	---	966	260	61	15	14	90	15
31	92	---	549	137	---	255	---	60	---	12	343	---
TOTAL	4094.6	7696	9023	23015	6800	11231	12639	3335	960	1400.5	958.2	568.8
MEAN	132	257	291	742	243	362	421	108	32.0	45.2	30.9	19.0
MAX	980	906	883	4510	558	2510	2810	237	69	216	343	60
MIN	5.4	69	35	132	131	117	53	53	10	9.5	7.1	8.4

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952-2005, BY WATER YEAR (WY)

MEAN	53.2	104	167	195	241	289	260	212	110	71.5	54.7	56.7
MAX	263	514	631	742	663	1024	627	810	365	379	307	542
(WY)	1991	1973	1991	2005	1956	1963	1970	1968	1957	1954	1958	1965
MIN	1.95	3.97	6.16	13.4	11.3	17.2	24.2	26.2	6.22	3.69	4.95	1.88
(WY)	1965	1964	1954	1977	1954	1983	1971	1999	1988	1964	1986	1964

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1952-2005		
ANNUAL TOTAL	70945.1		81721.1				
ANNUAL MEAN	194		224		151		
HIGHEST ANNUAL MEAN					259		1979
LOWEST ANNUAL MEAN					56.5		1953
HIGHEST DAILY MEAN	3540	Jan 5	4510	Jan 6	9520	Mar 10	1964
LOWEST DAILY MEAN	5.4	Oct 11	5.4	Oct 11	0.50	Oct 6	1964
ANNUAL SEVEN-DAY MINIMUM	5.8	Oct 7	5.8	Oct 7	0.69	Oct 6	1964
MAXIMUM PEAK FLOW			5540	Jan 6	13400	Mar 10	1964
MAXIMUM PEAK STAGE			11.05	Jan 6	15.56	Mar 6	1945
INSTANTANEOUS LOW FLOW					0.40	Oct 6	1964
10 PERCENT EXCEEDS	441		474		343		
50 PERCENT EXCEEDS	116		115		59		
90 PERCENT EXCEEDS	11		11		8.3		

03234300 Paint Creek at Chillicothe, Ohio

LOCATION.—Latitude 39°19′13″, longitude 82°58′42″, Ross County, Hydrologic Unit 05060003, on left bank at downstream side of bridge on State Highway 772, 4.3 mi downstream from North Fork Paint Creek and 3.8 mi upstream from mouth.
DRAINAGE AREA.—1,136 mi^2.
PERIOD OF RECORD.—October 1985 to current year.
REVISED RECORDS.—WDR-OH-88-1: 1986(M), 1987(M).
GAGE.—Water-stage recorder. Elevation of gage is 600 ft above sea level (from topographic map).
REMARKS.—Records fair. Flow regulated by Paint Creek Lake, 35 mi upstream, capacity 145,000 acre-ft, and Rocky Fork Lake 41 mi upstream, capacity 34,100 acre-ft. Water-quality data formerly collected at this 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	109	571	4930	4500	1140	1360	7350	2650	438	183	66	453
2	105	572	4760	6060	958	1160	10100	2470	416	214	61	221
3	101	606	3780	7710	910	1050	11900	1590	300	261	55	178
4	97	1320	2690	10900	961	1010	7400	1260	296	256	61	151
5	94	1880	1450	14100	1010	1120	4250	1150	331	243	77	131
6	91	1040	1030	22800	1140	1320	2720	951	317	189	89	117
7	90	827	1140	12900	1540	1230	1960	836	305	148	125	108
8	88	731	2090	9050	4220	1690	1820	798	293	137	123	102
9	90	660	2530	5770	5340	1590	1660	746	287	126	112	95
10	425	615	3190	3140	4850	1620	1570	712	372	107	106	94
11	440	598	4180	9270	4220	1230	1440	709	474	86	110	88
12	143	1260	3700	16100	3850	1100	1160	727	1020	82	120	85
13	126	1180	2380	10500	3600	1040	828	629	1130	79	148	83
14	122	923	1310	14000	2370	994	726	792	944	80	141	80
15	123	879	1070	10900	2600	958	642	866	876	78	127	78
16	127	1210	1000	9350	3110	822	657	1010	543	85	114	79
17	129	1150	988	8020	1920	757	954	1010	421	109	96	83
18	196	831	957	7370	1700	734	875	981	378	153	91	83
19	3650	1350	937	7530	1550	722	480	946	297	267	100	76
20	4630	2690	840	7610	1470	1030	447	761	254	263	96	87
21	3920	2220	615	7750	1450	1020	433	693	237	274	89	86
22	1940	3780	624	7310	1230	1140	1050	761	225	206	94	87
23	1430	3090	2680	6970	1090	1380	10400	756	214	165	94	86
24	1250	2780	2540	6660	1070	2370	7880	726	201	144	91	82
25	1030	3340	1700	7210	1050	3340	5220	689	188	120	89	84
26	1440	2270	1010	6190	1050	2200	1970	393	180	102	91	91
27	1350	2120	817	3610	1020	2060	5110	306	174	89	89	92
28	1260	2230	989	3130	1070	11600	5040	429	172	84	86	92
29	793	1920	1060	1560	---	16200	5220	631	153	77	86	93
30	651	1590	1960	1300	---	5450	2970	616	147	74	124	84
31	619	---	4170	1180	---	8290	---	484	---	70	446	---
TOTAL	26659	46233	63117	250450	57489	77587	104232	28078	11583	4551	3397	3349
MEAN	860	1541	2036	8079	2053	2503	3474	906	386	147	110	112
MAX	4630	3780	4930	22800	5340	16200	11900	2650	1130	274	446	453
MIN	88	571	615	1180	910	722	433	306	147	70	55	76

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986-2005, BY WATER YEAR (WY)

MEAN	368	766	1318	2081	2203	2298	2189	2336	1469	587	336	202
MAX	2106	3368	5202	8079	3949	5148	4375	6366	4266	1687	1156	1378
(WY)	1991	1986	1991	2005	2000	1997	1994	1996	1996	1990	1990	2003
MIN	48.2	46.0	62.8	298	310	458	376	239	94.4	66.1	61.5	50.9
(WY)	1988	2000	1988	1988	1987	1987	1986	1988	1988	1999	1986	2002

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1986-2005		
ANNUAL TOTAL	637981		676725				
ANNUAL MEAN	1743		1854		1342		
HIGHEST ANNUAL MEAN					2178		1996
LOWEST ANNUAL MEAN					483		1988
HIGHEST DAILY MEAN	22700	Jan 5	22800	Jan 6	25300	May 29	1990
LOWEST DAILY MEAN	88	Oct 8	55	Aug 3	33	Aug 5	1999
ANNUAL SEVEN-DAY MINIMUM	93	Oct 3	66	Jul 29	38	Sep 30	1998
MAXIMUM PEAK FLOW			26700	Jan 6	30100	May 29	1990
MAXIMUM PEAK STAGE			23.48	Jan 6	24.67	May 29	1990
10 PERCENT EXCEEDS	4170		5220		3780		
50 PERCENT EXCEEDS	1080		840		596		
90 PERCENT EXCEEDS	190		89		75		

03234500 Scioto River at Higby, Ohio

LOCATION.—Latitude 39°12′44″, longitude 82°51′50″, in sec. 6, T.7 N., R.20 W., Ross County, Hydrologic Unit 05060002, on left bank at upstream side of highway bridge, 0.8 mi downstream from Walnut Creek, 1.2 mi north of Higby, Ohio, 3 mi northwest of Richmondale, Ohio, and 5.0 mi upstream from Salt Creek.

DRAINAGE AREA.—5,131 mi^2.

PERIOD OF RECORD.—October 1930 to current year. Monthly discharge only for some periods, published in WSP 1305.

REVISED RECORDS.—WSP 893: 1937(M). WSP 1908: Drainage area.

GAGE.—Water-stage recorder. Datum of gage is 567.28 ft above sea level. Prior to Nov. 7, 1930, nonrecording gage at same site and datum.

REMARKS.—Records excellent except for periods of estimated record, which are fair. U.S. Army Corps of Engineers satellite telemeter at station. Water-quality data formerly collected at this site.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum gage height, 31.6 ft, Mar. 26, 1913.

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	1120	2490	10600	15900	8060	5350	17400	12400	2520	3050	986	9080
2	1130	2380	13500	22200	7080	6000	19000	9640	2320	4780	917	4820
3	1190	2420	10900	26100	6170	5400	29100	7050	2140	3450	897	3570
4	1250	3870	8180	34000	5800	4920	28800	5420	2010	2410	863	2480
5	1250	5420	6010	42400	5560	4550	22000	4600	1950	1900	818	1910
6	1220	4440	4680	59000	5490	4990	15900	3960	1900	1700	889	1470
7	1230	3400	4180	70600	6150	5130	11700	3590	1820	1910	1550	1240
8	1220	3960	5400	70300	12600	7450	8260	3350	1790	1520	1180	1090
9	1210	3670	5950	57400	20900	8260	6420	3150	1830	1400	973	996
10	1500	2990	8800	41100	24000	6700	5270	3020	3310	1300	919	936
11	1540	2540	11400	36300	23100	5400	4660	2960	3200	1230	948	878
12	1290	3400	8830	45600	19800	4640	4300	2870	3730	1120	929	848
13	1270	4860	6970	45400	14500	4280	4020	3020	3340	1120	893	797
14	1410	3670	5700	58400	10600	4020	3720	3020	3240	1160	838	753
15	1770	3030	5030	61500	11100	3890	3390	4500	2940	1390	863	717
16	1940	3220	4120	52400	12300	3610	3130	4310	2400	1270	950	715
17	1880	3110	3620	43200	10500	3270	3150	3930	2090	1360	874	886
18	1750	3300	3380	35700	10100	3130	3050	3580	1930	2290	1040	1410
19	8460	5720	3250	30300	9170	3340	2700	3330	1750	1690	1160	1050
20	10300	8220	3100	26200	6970	4050	2660	3810	1620	1810	1040	1350
21	7280	6890	2710	23800	6260	4110	2580	8890	1510	1640	921	1320
22	4710	6990	2640	21700	6220	3670	3560	6210	1460	1400	996	1170
23	3630	6570	6660	20000	6500	4000	14600	4630	1410	1590	927	980
24	3440	6350	10600	18500	7040	6570	23800	3850	1350	1370	780	894
25	3970	8400	7210	18400	5960	8390	25700	3410	1260	1140	713	3550
26	3850	6860	4460	17700	5270	7490	23200	2850	1230	995	709	3270
27	3500	6870	3610	15300	4800	9050	24000	2600	1480	1130	683	4510
28	3330	7590	3430	14300	4430	21500	24100	2550	1320	1170	679	5390
29	2920	7540	3350	12100	---	39500	22000	2640	1230	1080	880	4600
30	2580	5840	4370	9240	---	30700	16900	2740	2280	983	1540	3910
31	2620	---	8720	8530	---	25200	---	2510	---	941	3580	---
TOTAL	85760	146010	191360	1053570	276430	258560	379070	134390	62360	51299	31935	66590
MEAN	2766	4867	6173	33990	9872	8341	12640	4335	2079	1655	1030	2220
MAX	10300	8400	13500	70600	24000	39500	29100	12400	3730	4780	3580	9080
MIN	1120	2380	2640	8530	4430	3130	2580	2510	1230	941	679	715
CFSM	0.54	0.95	1.20	6.62	1.92	1.63	2.46	0.84	0.41	0.32	0.20	0.43
IN.	0.62	1.06	1.39	7.64	2.00	1.87	2.75	0.97	0.45	0.37	0.23	0.48

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

MEAN	1283	2457	4435	7097	7777	9500	8448	6232	4414	2846	1977	1448
MAX	6524	15460	17190	39500	18620	28220	19600	25070	13580	11430	10070	13230
(WY)	1991	1973	1991	1937	1951	1963	1957	1996	1997	1992	1980	1979
MIN	263	304	349	433	518	1375	1485	809	718	518	457	301
(WY)	1931	1935	1935	1931	1954	1941	1941	1941	1934	1944	1936	1953

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1931-2005		
ANNUAL TOTAL	2644220		2737334				
ANNUAL MEAN	7225		7500		4811		
HIGHEST ANNUAL MEAN					8178		1996
LOWEST ANNUAL MEAN					1364		1954
HIGHEST DAILY MEAN	51000	Jan 6	70600	Jan 7	127000	Jan 23	1959
LOWEST DAILY MEAN	1110	Sep 30	679	Aug 28	244	Oct 23	1930
ANNUAL SEVEN-DAY MINIMUM	1150	Sep 27	767	Aug 23	255	Oct 19	1930
MAXIMUM PEAK FLOW			72500	Jan 7	177000	Jan 23	1937
MAXIMUM PEAK STAGE			22.04	Jan 7	26.40	Jan 23	1937
INSTANTANEOUS LOW FLOW			654	Aug 26	244	Oct 23	1930
ANNUAL RUNOFF (CFSM)	1.41		1.46		0.94		
ANNUAL RUNOFF (INCHES)	19.17		19.85		12.74		
10 PERCENT EXCEEDS	17300		21100		12400		
50 PERCENT EXCEEDS	4450		3580		2160		
90 PERCENT EXCEEDS	1570		996		552		

03237020 Scioto River at Piketon, Ohio

LOCATION.—Latitude 39°04′12″, longitude 83°01′11″, Pike County, Hydrologic Unit 05060002, on left bank ¾ mi downstream from U.S. Highway 23 bridge.
DRAINAGE AREA.—5,836 mi^2.
PERIOD OF RECORD.—December 2001 to current year.
GAGE.—Water-stage recorder. Datum of gage is 531.43 ft above sea level.
REMARKS.—Records good except for periods of estimated record, which are poor. Satellite telemeter at station.

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	1270	2750	13100	14500	8670	6520	21400	15900	3260	3070	1080	8870
2	1240	2570	17300	21400	7980	7450	23500	12200	2980	5290	1060	6190
3	1290	2500	13300	25800	6950	6500	34800	9550	2700	4240	1070	4530
4	1320	3400	10100	35900	6500	5810	33200	7500	2330	3190	1040	3270
5	1340	6040	7450	43700	6200	5370	27600	6310	2230	2320	1010	2420
6	1300	5340	5560	59100	6090	5880	19200	5510	2170	1990	1000	1860
7	1280	3950	5020	76100	6580	6070	14800	4840	2070	2120	1530	1510
8	1280	3970	5940	75000	9610	7640	11000	4440	2020	1850	1580	1310
9	1280	3960	6720	70200	19600	9410	8790	4150	1960	1590	1280	1190
10	1450	3370	9410	54100	24700	7950	7270	3900	3160	1480	1150	1100
11	1570	2810	13800	40300	24600	6540	6380	3760	3640	1380	1160	1020
12	1400	3380	11200	45600	22000	5600	5810	3660	4040	1290	1170	979
13	1300	5470	8680	51400	16900	5050	5460	3700	4030	1240	1120	930
14	1330	4500	6880	52900	12500	4650	5100	3680	3680	1280	1080	889
15	1740	3530	5880	64900	13500	4350	4510	4860	3640	1460	1010	849
16	1830	3410	4840	60500	14000	4100	4140	5350	3030	1520	1160	839
17	2080	3430	4220	51400	12300	3680	4040	4730	2450	1450	1090	832
18	1820	3430	3860	40700	11000	3420	3840	4350	2210	2420	1150	1430
19	6190	5960	e3700	33200	10400	3510	3460	4070	2030	2130	1360	1320
20	11600	11400	e3200	28400	8240	4310	3320	4040	1830	2010	1260	1340
21	8440	9150	e3100	25200	7170	4860	3230	8680	1700	1980	1100	1490
22	5560	7840	2930	22900	7050	4260	3840	7690	1610	1670	1010	1410
23	4150	7130	7210	21000	6930	4220	13500	5850	1560	1710	1100	1260
24	3600	6940	14600	19300	7580	6640	28000	4820	1500	1650	910	1090
25	4190	9740	9810	18800	6860	8580	29800	4250	1400	1380	816	2500
26	4010	9000	5830	18600	6010	8210	27100	3640	1360	1200	810	4050
27	3770	7530	4500	16300	5480	8990	26200	3160	1470	1160	789	4100
28	3500	8230	e4000	14900	5130	18100	26100	3060	1560	1390	761	5730
29	3280	8560	3790	13200	---	43800	24800	3190	1350	1250	814	5340
30	2800	6890	4260	10200	---	40500	20100	3380	2100	1180	1180	4470
31	2760	---	7570	9110	---	30300	---	3250	---	1100	2720	---
TOTAL	89970	166180	227760	1134610	300530	292270	450290	167470	71070	58990	35370	74118
MEAN	2902	5539	7347	36600	10730	9428	15010	5402	2369	1903	1141	2471
MAX	11600	11400	17300	76100	24700	43800	34800	15900	4040	5290	2720	8870
MIN	1240	2500	2930	9110	5130	3420	3230	3060	1350	1100	761	832
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002-2005, BY WATER YEAR (WY)												
MEAN	3092	5318	8355	16040	8448	10180	11430	11430	8147	3388	2635	4014
MAX	4645	6574	10320	36600	11180	14680	15010	13600	14040	5935	4796	9717
(WY)	2004	2004	2004	2005	2004	2003	2005	2002	2004	2003	2003	2003
MIN	1728	3841	5857	3898	5420	7731	7034	5402	2369	1903	1141	1024
(WY)	2003	2003	2003	2002	2003	2004	2003	2005	2005	2005	2005	2002

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2002-2005		
ANNUAL TOTAL	3010880		3068628				
ANNUAL MEAN	8226		8407		8145		
HIGHEST ANNUAL MEAN					8711		2004
LOWEST ANNUAL MEAN					7315		2003
HIGHEST DAILY MEAN	59000	Jan 6	76100	Jan 7	76100	Jan 7	2005
LOWEST DAILY MEAN	1230	Sep 30	761	Aug 28	295	Sep 13	2002
ANNUAL SEVEN-DAY MINIMUM	1280	Sep 30	857	Aug 23	336	Sep 10	2002
MAXIMUM PEAK FLOW			78700	Jan 7	78700	Jan 7	2005
MAXIMUM PEAK STAGE			28.52	Jan 7	28.52	Jan 7	2005
INSTANTANEOUS LOW FLOW			752	Aug 28	282	Sep 13	2002
10 PERCENT EXCEEDS	19200		21600		19500		
50 PERCENT EXCEEDS	5230		4100		4720		
90 PERCENT EXCEEDS	1780		1180		1520		

e Estimated.

Reservoirs in Scioto River Basin

03220500 O'Shaughnessy Reservoir near Dublin, Ohio

LOCATION.—Latitude 40°09′14″, longitude 83°07′33″, Delaware County, Hydrologic Unit 0506001, in gate house of dam on Scioto River, 4.0 mi north of Dublin, Ohio.
DRAINAGE AREA.—979 mi^2.
PERIOD OF RECORD.—October 1924 to current year.
GAGE.—Water-stage recorder. Monthend contents only for some periods published in WSP 1305. Datum of gage is sea level (levels by City of Columbus). Prior to Dec. 2, 1940, nonrecording gage at same site and datum.
REMARKS.—Reservoir is formed by concrete dam; dam completed and storage begun in 1924. Usable capacity, 14,500 acre-ft, between elevations 789.5 ft (sill of outlet gate) and 845 ft (crest of spillway), based on survey made in 1942. Flashboards installed May 8, 1945, additional capacity, 2,480 acre-ft, between elevations 845 ft (crest of spillway) and 847.9 ft (crest of flashboards). Dead storage below elevation 789.5 ft, 55 acre-ft. Figures given herein represent usable contents. Water used for municipal supply of City of Columbus and recreational purposes. Reservoir also used for power generation since July 1987. Capacity table computed from data furnished by City of Columbus.
EXTREMES FOR PERIOD OF RECORD.—Maximum contents, 24,240 acre-ft Jan. 22, 1959, elevation, 854.40 ft; minimum contents, 43 acre-ft Feb. 11, 1945, elevation, 791.97 ft.

03221500 Griggs Reservoir near Columbus, Ohio

LOCATION.—Latitude 40°00′54″, longitude 83°05′38″, Franklin County, Hydrologic Unit 05060001, on left abutment of dam on Scioto River, 6.2 mi northwest of State Capitol building in Columbus, Ohio, and 6.5 mi upstream from Olentangy River.
DRAINAGE AREA.—1,044 mi^2.
PERIOD OF RECORD.—January 1921 to current year.
GAGE.—Water-stage recorder. Monthend contents only for some periods, published in WSP 1305. Daily readings have been obtained by City of Columbus, Division of Water, since 1908. Datum of gage is 680.38 ft above sea level (levels by City of Columbus). Prior to Oct. 4, 1940, nonrecording gage at same site and datum.
REMARKS.—Reservoir formed by concrete dam; dam completed and storage begun in 1905. Usable capacity, 3,700 acre-ft between elevations 735.4 ft (lowest outlets) and 753.4 ft (crest of spillway), based on survey made in 1935. Flashboards installed July 28, 1945, additional capacity, 750 acre-ft, between elevations 753.4 ft (crest of spillway) and 755.6 ft (crest of flashboards). Dead storage below elevation 735.4 ft, 239 acre-ft. Figures given herein represent usable contents. Water is used for municipal supply of City of Columbus and recreational purposes. Capacity table computed from data furnished by City of Columbus.
EXTREMES FOR PERIOD OF RECORD.—Maximum contents, 7,490 acre-ft Jan. 22, 1959, elevation, 763.91 ft; minimum, 38 acre-ft Jan. 24, 1945, elevation, 735.78 ft.
EXTREMES FOR CURRENT YEAR.—Maximum contents, 6,858 acre-ft Jan. 6, elevation 762.21 ft; minimum contents, 4,4636 acre-ft Oct. 10, elevation 755.57.

03228400 Hoover Reservoir at Central College

LOCATION.—Latitude 40°06′30″, longitude 82°52′59″, in T.2 N., R.17 W., Franklin County, Hydrologic Unit 05060001, in gate house of dam on Big Walnut Creek, 0.5 mi northeast of Central College, and 12 mi northeast of Columbus, Ohio.
DRAINAGE AREA.—190 mi^2.
PERIOD OF RECORD.—March 1955 to current year.
REVISED RECORDS.—WRD OH-78-1: 1975 (M).
GAGE.—Water-stage recorder. Datum of gage is sea level. Prior to Sept. 10, 1956, nonrecording gage at same site and datum.
REMARKS.—Reservoir formed by earthfill dam with concrete spillway; dam completed in 1954 and storage begun in March 1955. Usable capacity, 60,130 acre-ft between elevations 830.0 ft (lowest outlet) and 890.0 ft (crest of spillway). Additional flood-control storage above elevation 890.0 ft by bascule gates installed in May 1970, 25,750 acre-ft. Dead storage below elevation 830.0 ft, 214 acre-ft. Figures given herein represent usable contents. Reservoir is used for municipal supply of City of Columbus and for recreational purposes. Outflow is controlled mostly by operation of valves in tunnel through dam, but above spillway level bascule gates can be used. Capacity table computed from data furnished by City of Columbus.
EXTREMES FOR PERIOD OF RECORD:—Maximum contents, 89,260 acre-ft, Jan. 6, 2005, elevation, 898.95 ft; minimum, 19,010 acre-ft Mar. 1, 1964, elevation, 868.58 ft.
EXTREMES FOR CURRENT YEAR: Maximum contents, 89,290 acre-ft Jan. 6, elevation, 898.95 ft; minimum contents, 48,000 acre-ft Aug. 29, elevation 885.36 ft.

Reservoirs in Scioto River Basin—Continued

MONTHEND ELEVATION AND CONTENTS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	O'Shaughnessy Reservoir			Griggs Reservoir			Hoover Reservoir		
	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)	Elevation (feet)	Contents (acre-feet)	Change In contents (acre-feet)	Elevation (feet)	Contents (acre-feet)	Change In contents (acre-feet)
Sept.30	847.70	16,790	---	756.10	4,616	---	890.12	60,460	---
Oct. 31	848.32	17,380	590	756.30	4,684	68	888.81	56,940	-3,520
Nov. 30	848.51	17,570	190	756.89	4,895	211	889.67	59,240	2,300
Dec. 31	851.18	20,400	2,830	758.92	5,641	746	894.75	74,440	15,200
CALENDAR YEAR 2004:			1,800			471			-130
Jan. 31	848.17	17,230	-3,170	e756.88	4,891	-750	894.50	73,590	-850
Feb. 28	848.40	17,460	230	756.86	4,884	-7	895.33	76,440	2,850
Mar. 31	849.63	18,710	1,250	757.14	4,985	101	895.67	77,640	1,200
Apr. 30	848.88	17,940	-770	757.45	5,097	112	895.61	77,430	-210
May 31	848.56	17,620	-320	756.48	4,747	-350	894.47	73,480	-3,950
June 30	848.53	17,590	-30	756.83	4,873	126	891.39	63,960	-9,520
July 31	848.29	17,350	-240	756.36	4,704	-169	888.29	55,560	-8,400
Aug. 31	849.07	18,130	780	756.93	4,909	205	887.21	52,730	-2,830
Sept. 30	848.76	17,820	-310	757.03	4,945	36	886.52	50,950	-1,780
WATER YEAR 2005:			1,030			329			-9,510

e Estimated.