



2005 Water Year
YOUGHIOGHENY RIVER BASIN
03081000 Youghiogheny River below Confluence, PA

Latitude: 39° 49 ' 39"

Longitude: 079° 22 ' 22"

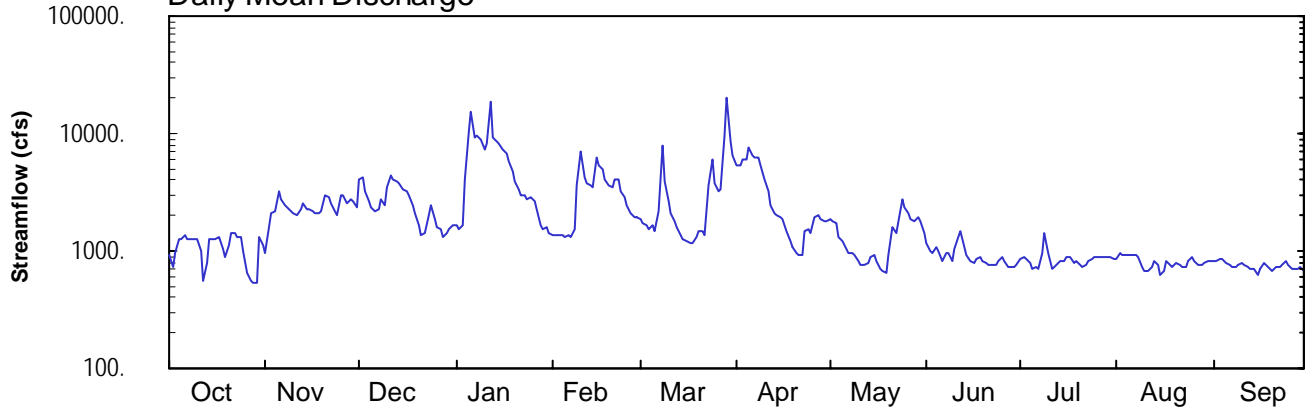
Hydrologic Unit Code: 05020006

Fayette County

Datum: 1302.77 feet

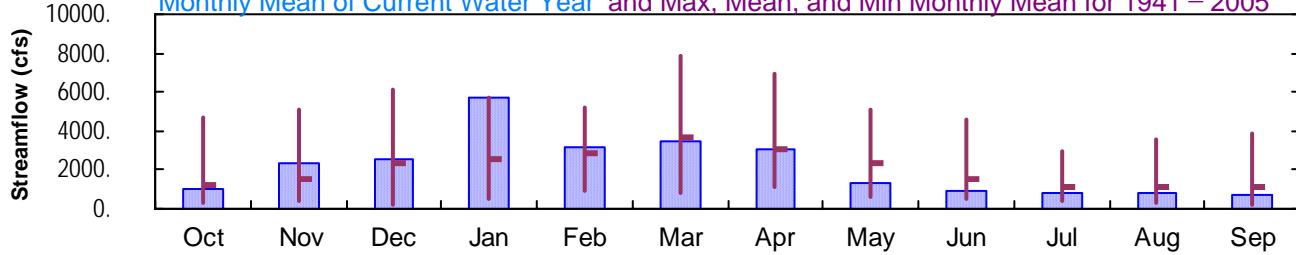
Drainage Area: 1029. mi²

Daily Mean Discharge

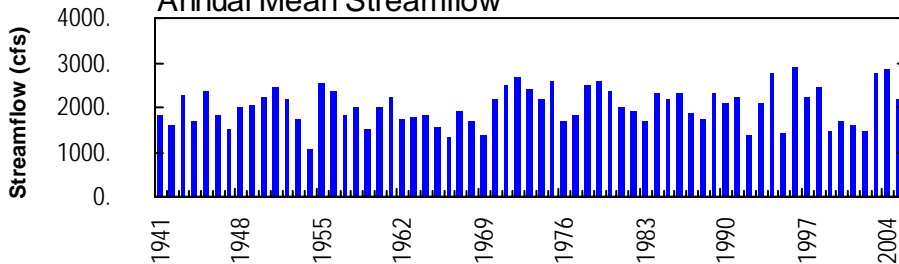


Monthly Statistics

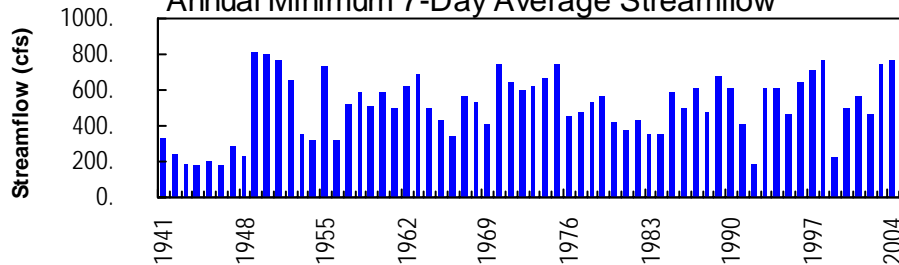
Monthly Mean of Current Water Year and Max, Mean, and Min Monthly Mean for 1941 – 2005



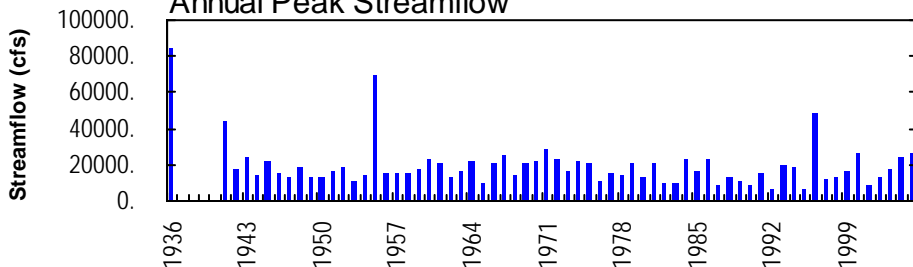
Annual Mean Streamflow



Annual Minimum 7-Day Average Streamflow



Annual Peak Streamflow



YOUGHIOGHENY RIVER BASIN

03081000 YOUGHIOGHENY RIVER BELOW CONFLUENCE, PA

LOCATION.--Lat 39°49'39", long 79°22'22", Fayette County, Hydrologic Unit 05020006, on left bank 1.0 mi downstream from Casselman River, 1.5 mi northwest of Confluence, at mile 72.0.

DRAINAGE AREA.--1,029 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1940 to current year. Monthly discharge only for June 1940, published in WSP 1305.

GAGE.--Water-stage recorder. Datum of gage is 1,302.77 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--No estimated daily discharges. Records good. Flow regulated since January 1925 by Deep Creek Reservoir (station 03076000) 28 mi upstream and since December 1942 by Youghiogheny River Lake (03077000) 1.7 mi upstream. Several measurements of water temperature were made during the year. U.S. Army Corps of Engineers satellite telemetry at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Mar. 17, or 18, 1936 reached a stage of 21.6 ft, from floodmarks, discharge, 85,000 ft³/s.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	914	962	4090	1640	1390	1870	5340	1870	1160	862	858	819
2	732	1620	4220	1570	1350	1740	5430	1770	988	898	952	838
3	958	2090	3180	1690	1380	1650	6020	1710	965	846	942	868
4	1260	2190	2680	4030	1370	1560	6050	1300	1100	789	924	848
5	1290	3200	2390	10400	1340	1660	7470	1210	1010	703	917	805
6	1380	2760	2190	15100	1360	1470	6550	1060	836	726	912	748
7	1290	2480	2280	9420	1310	2140	6270	949	952	717	909	744
8	1270	2330	2800	9710	1560	7890	6160	965	949	944	898	740
9	1260	2190	2470	8730	3690	3900	5260	914	834	1410	746	763
10	1260	2070	3520	7390	7070	2610	4110	820	1040	971	687	785
11	982	2020	4360	8280	4170	2120	3250	754	1340	709	675	762
12	563	2280	4130	18400	3770	1830	2490	752	1470	721	720	721
13	792	2590	3970	9090	3670	1580	2140	784	1090	787	838	691
14	1240	2260	3700	8420	3420	1390	2030	883	912	821	769	695
15	1260	2260	3410	8130	6290	1270	1930	931	822	832	633	630
16	1280	2190	3170	7270	5460	1210	1850	812	803	874	673	697
17	1300	2140	2960	6790	4880	1160	1480	707	867	880	814	783
18	1050	2100	2470	5750	4120	1180	1220	671	883	798	755	761
19	880	2180	2120	4710	3590	1300	1070	652	824	813	738	714
20	1120	2960	1690	3930	3440	1450	953	908	793	775	776	681
21	1430	2860	1390	3320	4070	1490	934	1580	773	742	765	725
22	1400	2580	1420	3020	4070	1350	937	1410	762	749	726	722
23	1310	2210	2020	2940	3260	3620	1490	1780	774	828	735	750
24	1310	2020	2490	2760	2920	5920	1560	2720	832	859	829	807
25	986	3020	1830	2910	2480	3780	1400	2330	900	883	882	775
26	648	3010	1610	2640	2090	3240	1910	2090	838	896	835	716
27	552	2570	1530	2230	1910	3340	2000	1900	737	881	762	713
28	529	2780	1300	1670	1910	9800	1870	1800	737	879	771	713
29	541	2660	1420	1530	---	20300	1830	1940	736	885	788	718
30	1310	2370	1560	1590	---	8710	1820	1760	770	875	813	680
31	1110	---	1650	1430	---	6530	---	1400	---	864	809	---
TOTAL	33207	70952	80020	176490	87340	109060	92824	41132	27497	26217	24851	22412
MEAN	1071	2365	2581	5693	3119	3518	3094	1327	917	846	802	747
MAX	1430	3200	4360	18400	7070	20300	7470	2720	1470	1410	952	868
MIN	529	962	1300	1430	1310	1160	934	652	736	703	633	630
(†)	-369	-165	+191	-73	+252	+1380	-431	-9.0	-195	-193	-618	-688

† Change in contents, equivalent in cubic feet per second, in Deep Creek Reservoir and Youghiogheny River Lake. Records of contents in Deep Creek Reservoir furnished by Reliant Energy. Records of contents in Youghiogheny River Lake furnished by U.S. Army Corps of Engineers.

YOUGHIOGHENY RIVER BASIN

03081000 YOUGHIOGHENY RIVER BELOW CONFLUENCE, PA--Continued

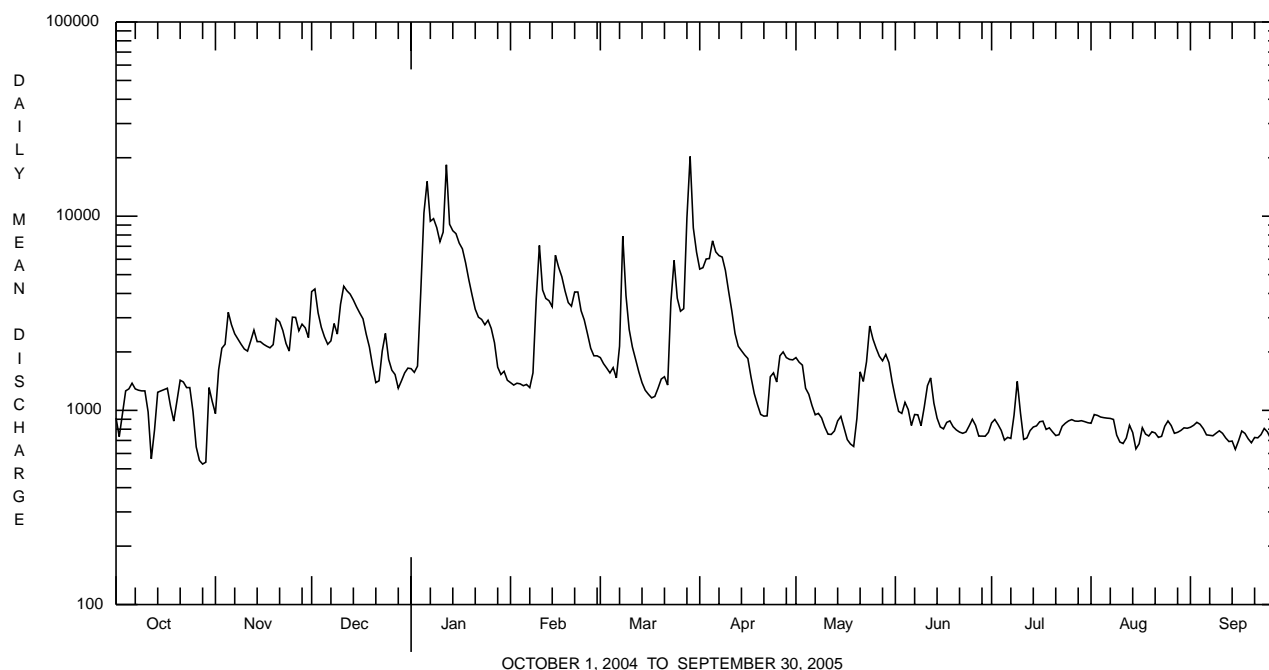
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1941 - 2005, BY WATER YEAR (WY) (SINCE REGULATION)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	1185	1575	2316	2508	2824	3650	3092	2366	1548	1110	1073	1135
MAX	4699	5065	6171	5693	5204	7868	6984	5052	4634	2950	3565	3882
(WY)	1980	1986	1973	2005	1956	1963	1993	1996	2003	1985	1956	1971
MIN	287	433	246	496	903	778	1157	602	491	384	290	214
(WY)	1948	1954	1999	1981	1954	1990	1963	1982	1965	1942	1944	1946

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1941 - 2005	
ANNUAL TOTAL	911617		792002			
ANNUAL MEAN	2491	† +42	2170	† -74	2028	
HIGHEST ANNUAL MEAN					2910	1996
LOWEST ANNUAL MEAN					1074	1954
HIGHEST DAILY MEAN	17000	Sep 18	20300	Mar 29	34600	Oct 16 1954
LOWEST DAILY MEAN	529	Oct 28	529	Oct 28	121	Sep 27 1943
ANNUAL SEVEN-DAY MINIMUM	763	Jul 20	709	Sep 14	175	Sep 16 1946
MAXIMUM PEAK FLOW			a25900	Mar 29	a69500	Oct 15 1954
MAXIMUM PEAK STAGE			12.35	Mar 29	19.92	Oct 15 1954
10 PERCENT EXCEEDS	5280		4190		4500	
50 PERCENT EXCEEDS	1600		1370		1270	
90 PERCENT EXCEEDS	873		737		615	

† Change in contents, equivalent in cubic feet per second, in Deep Creek Reservoir and Youghiogheny River Lake. Records of contents in Deep Creek Reservoir furnished by Reliant Energy. Records of contents in Youghiogheny River Lake furnished by U.S. Army Corps of Engineers.

a From rating curve extended above 25,000 ft³/s on basis of slope-area measurement of peak flow.



YOUGHIOGHENY RIVER BASIN

03081000 YOUGHIOGHENY RIVER BELOW CONFLUENCE, PA--Continued

WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 2004 to current year.

pH: October 2004 to current year.

WATER TEMPERATURE: October 2004 to current year.

DISSOLVED OXYGEN: October 2004 to current year.

INSTRUMENTATION.--Automated sampler interfaced with a data collection platform with 60-minute recording interval. Satellite telemetry at station.

REMARKS.--Specific conductance record rated fair except for periods Jan. 14-31, May 4, Aug. 25-31, and Sept. 10, which are poor. pH record rated fair except for periods Jan. 13-31, June 14, 15, July 26, Aug. 11, and Sept. 10, which are poor. Water temperature record rated fair except for periods Jan. 14-31, and Sept. 10, which are poor. Dissolved oxygen record rated poor. Other interruptions in the record were due to malfunctions of the equipment. Satellite telemetry at station.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 307 microsiemens, Oct. 25; minimum recorded, 77 microsiemens, Jan. 12.

pH: Maximum 7.7, Oct. 25, 30, 31, Nov. 1; minimum, 5.8, June 13.

WATER TEMPERATURE: Maximum, 22.3°C, Sept. 23; minimum, 1.9°C, Mar. 8, 9, 14.

DISSOLVED OXYGEN: Maximum, 14.3 mg/L, Aug. 7; minimum, 4.9 mg/L, July 6.

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25° CELSIUS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	120	117	118	191	130	144	120	114	116	108	107	107
2	118	117	117	131	126	129	118	113	115	107	106	107
3	119	116	117	128	125	126	114	113	113	107	106	107
4	119	117	118	127	124	126	114	112	113	114	107	110
5	120	118	119	125	120	122	113	112	113	129	100	113
6	120	118	119	120	116	117	114	112	113	131	83	101
7	120	118	119	117	116	116	112	111	111	101	84	92
8	120	118	119	117	115	117	111	110	110	103	78	86
9	120	118	119	115	113	114	111	110	111	91	78	84
10	120	118	119	114	113	113	110	110	110	88	81	84
11	122	119	120	113	112	112	110	108	109	88	82	85
12	121	119	120	113	111	112	111	108	109	112	77	94
13	120	119	120	111	111	111	111	109	110	87	80	84
14	122	120	120	114	111	113	110	109	110	---	---	---
15	123	120	121	113	112	112	110	110	110	---	---	---
16	121	119	120	113	112	113	110	110	110	---	---	---
17	121	120	121	113	111	112	111	110	110	---	---	---
18	121	119	120	113	112	113	111	110	110	---	---	---
19	122	120	121	113	113	113	111	110	111	---	---	---
20	122	120	121	113	112	112	111	111	111	---	---	---
21	123	120	121	112	111	112	111	110	111	---	---	---
22	122	121	122	112	111	112	111	110	110	---	---	---
23	122	121	122	112	111	112	114	109	111	---	---	---
24	122	121	122	112	111	112	115	109	112	---	---	---
25	307	121	167	113	112	112	109	108	109	---	---	---
26	138	132	133	114	113	114	109	108	108	---	---	---
27	139	134	136	115	114	114	108	108	108	---	---	---
28	141	138	140	115	114	114	108	107	108	---	---	---
29	140	129	137	115	114	114	108	108	108	---	---	---
30	181	130	169	115	114	114	108	107	108	---	---	---
31	174	144	152	---	---	---	108	107	108	---	---	---
MONTH	307	116	126	191	111	116	120	107	111	131	77	96

YOUGHIOGHENY RIVER BASIN

03081000 YOUGHIOGHENY RIVER BELOW CONFLUENCE, PA--Continued

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

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	6.3	6.2	6.2	7.7	7.3	7.5	7.3	7.2	7.2	7.6	7.4	7.4
2	6.5	6.2	6.4	7.3	7.3	7.3	7.4	7.3	7.3	7.5	7.4	7.4
3	6.5	6.4	6.4	7.3	7.2	7.3	7.3	7.3	7.3	7.5	7.4	7.5
4	6.4	6.2	6.4	7.3	7.2	7.2	7.4	7.3	7.3	7.5	7.4	7.5
5	6.6	6.3	6.4	7.4	7.2	7.3	7.4	7.3	7.3	7.6	7.4	7.4
6	6.6	6.4	6.5	7.4	7.3	7.4	7.3	7.2	7.3	7.5	7.3	7.4
7	6.7	6.5	6.6	7.4	7.3	7.3	7.3	7.2	7.2	7.4	7.2	7.3
8	6.8	6.6	6.7	7.3	7.2	7.2	7.3	7.2	7.3	7.4	7.2	7.3
9	6.8	6.7	6.7	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.2	7.2
10	6.8	6.7	6.7	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.2	7.2
11	6.8	6.7	6.7	7.4	7.3	7.3	7.3	7.3	7.3	7.3	7.2	7.2
12	7.0	6.7	6.8	7.3	7.3	7.3	7.4	7.3	7.3	7.5	7.2	7.4
13	7.0	6.8	6.9	7.4	7.3	7.3	7.4	7.3	7.3	---	---	---
14	6.9	6.8	6.8	7.4	7.3	7.3	7.4	7.3	7.3	---	---	---
15	6.9	6.8	6.8	7.3	7.3	7.3	7.3	7.3	7.3	---	---	---
16	7.0	6.8	7.0	7.3	7.3	7.3	7.3	7.3	7.3	---	---	---
17	7.1	7.0	7.0	7.4	7.3	7.3	7.3	7.3	7.3	---	---	---
18	7.2	7.0	7.0	7.4	7.3	7.3	7.4	7.3	7.3	---	---	---
19	7.3	7.0	7.1	7.3	7.3	7.3	7.4	7.3	7.3	---	---	---
20	7.3	7.1	7.1	7.3	7.2	7.3	7.4	7.3	7.3	---	---	---
21	7.2	7.1	7.1	7.3	7.2	7.2	7.3	7.3	7.3	---	---	---
22	7.2	7.1	7.1	7.3	7.2	7.2	7.3	7.2	7.3	---	---	---
23	7.3	7.1	7.2	7.3	7.2	7.3	7.3	7.2	7.3	---	---	---
24	7.3	7.2	7.2	7.3	7.2	7.3	7.3	7.2	7.3	---	---	---
25	7.7	7.2	7.3	7.3	7.2	7.3	7.3	7.2	7.3	---	---	---
26	7.6	7.3	7.4	7.4	7.3	7.3	7.3	7.3	7.3	---	---	---
27	7.6	7.4	7.4	7.4	7.3	7.4	7.3	7.2	7.3	---	---	---
28	7.6	7.4	7.4	7.4	7.3	7.3	7.6	7.2	7.4	---	---	---
29	7.6	7.3	7.4	7.4	7.3	7.3	7.5	7.4	7.5	---	---	---
30	7.7	7.3	7.5	7.3	7.2	7.3	7.5	7.4	7.4	---	---	---
31	7.7	7.5	7.5	---	---	---	7.5	7.4	7.5	---	---	---
MAX	7.7	7.5	7.5	7.7	7.3	7.5	7.6	7.4	7.5	7.6	7.4	7.5
MIN	6.3	6.2	6.2	7.3	7.2	7.2	7.3	7.2	7.2	7.3	7.2	7.2
DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
	FEBRUARY			MARCH			APRIL			MAY		
1	6.8	6.7	6.7	6.9	6.8	6.9	7.2	7.0	7.1	6.6	6.4	6.6
2	6.8	6.7	6.7	6.9	6.8	6.8	7.0	6.9	7.0	6.6	6.5	6.6
3	6.9	6.7	6.8	6.8	6.8	6.8	7.0	7.0	7.0	6.6	6.5	6.6
4	6.9	6.8	6.8	6.9	6.8	6.8	7.0	7.0	7.0	6.6	6.5	6.6
5	6.9	6.8	6.9	6.9	6.9	6.9	7.0	7.0	7.0	6.7	6.5	6.6
6	6.9	6.8	6.9	6.9	6.8	6.9	7.1	7.0	7.0	6.7	6.5	6.6
7	6.9	6.8	6.8	7.6	6.8	7.0	7.1	7.0	7.0	6.7	6.5	6.6
8	7.0	6.8	6.9	7.2	7.0	7.1	7.1	7.0	7.1	6.7	6.5	6.6
9	7.3	6.9	7.0	7.0	6.9	7.0	7.2	7.1	7.1	6.7	6.5	6.6
10	7.1	6.8	7.0	6.9	6.9	6.9	7.2	7.1	7.1	6.7	6.5	6.6
11	6.9	6.8	6.8	6.9	6.8	6.9	7.1	7.1	7.1	6.7	6.5	6.6
12	6.9	6.8	6.9	6.9	6.8	6.9	7.1	7.0	7.0	6.7	6.5	6.6
13	7.0	6.8	7.0	6.9	6.8	6.9	7.0	7.0	7.0	6.7	6.5	6.6
14	7.0	7.0	7.0	6.9	6.9	6.9	7.0	7.0	7.0	6.7	6.5	6.6
15	7.1	6.8	7.0	6.9	6.8	6.9	7.0	7.0	7.0	6.7	6.5	6.6
16	6.8	6.8	6.8	6.9	6.8	6.9	7.0	7.0	7.0	6.7	6.5	6.6
17	6.8	6.8	6.8	7.0	6.8	6.9	7.0	6.9	7.0	6.7	6.5	6.6
18	6.9	6.8	6.8	7.0	6.9	6.9	7.0	6.9	6.9	6.7	6.5	6.6
19	6.9	6.8	6.9	7.0	6.9	6.9	6.9	6.9	6.9	6.7	6.5	6.6
20	6.8	6.8	6.8	6.9	6.9	6.9	6.9	6.4	6.9	6.7	6.5	6.6
21	6.8	6.8	6.8	7.0	6.9	6.9	6.6	6.5	6.5	6.6	6.5	6.6
22	6.8	6.7	6.8	7.0	6.9	7.0	6.6	6.5	6.5	6.7	6.5	6.6
23	6.8	6.7	6.8	7.3	6.9	7.0	6.6	6.5	6.5	6.7	6.6	6.6
24	6.8	6.7	6.8	7.3	7.1	7.2	6.6	6.5	6.6	6.6	6.6	6.6
25	6.8	6.7	6.8	7.1	7.0	7.1	6.7	6.5	6.6	6.6	6.6	6.6
26	6.8	6.7	6.8	7.1	7.0	7.0	6.6	6.5	6.5	6.6	6.5	6.6
27	6.9	6.8	6.8	7.0	7.0	7.0	6.6	6.5	6.5	6.6	6.6	6.6
28	6.9	6.8	6.9	7.1	6.9	7.1	6.6	6.4	6.5	6.6	6.6	6.6
29	---	---	---	7.2	7.0	7.0	6.5	6.4	6.5	6.7	6.6	6.6
30	---	---	---	7.1	7.0	7.1	6.5	6.4	6.5	6.7	6.5	6.6
31	---	---	---	7.2	7.1	7.1	---	---	---	6.7	6.5	6.6
MAX	7.3	7.0	7.0	7.6	7.1	7.2	7.2	7.1	7.1	6.8	6.6	6.6
MIN	6.8	6.7	6.7	6.8	6.8	6.8	6.5	6.4	6.5	6.6	6.4	6.5

YOUGHIOGHENY RIVER BASIN

03081000 YOUGHIOGHENY RIVER BELOW CONFLUENCE, PA--Continued

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

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	6.7	6.6	6.6	6.6	6.3	6.4	6.7	6.3	6.6	---	---	---
2	6.8	6.6	6.7	6.6	6.3	6.5	6.7	6.1	6.6	---	---	---
3	6.7	6.5	6.6	6.6	6.3	6.4	6.6	6.3	6.5	---	---	---
4	6.7	6.4	6.6	6.6	6.3	6.5	6.6	6.4	6.5	---	---	---
5	6.7	6.4	6.6	6.7	6.3	6.5	6.6	6.5	6.5	---	---	---
6	6.7	6.3	6.5	6.7	6.4	6.5	6.7	6.5	6.5	---	---	---
7	6.7	6.3	6.5	6.7	6.4	6.5	6.8	6.4	6.6	---	---	---
8	6.7	6.4	6.5	6.6	6.4	6.5	6.8	6.4	6.6	---	---	---
9	6.7	6.3	6.4	6.6	6.4	6.5	6.8	6.4	6.7	---	---	---
10	6.6	6.2	6.3	6.6	6.4	6.5	6.8	6.2	6.6	---	---	---
11	6.5	6.2	6.3	6.6	6.4	6.5	---	---	---	---	---	---
12	6.4	6.0	6.3	6.7	6.4	6.5	6.7	6.2	6.3	---	---	---
13	6.4	5.8	6.0	6.6	6.4	6.5	6.5	5.9	6.2	---	---	---
14	---	---	---	6.7	6.4	6.5	6.5	5.9	6.2	6.6	6.5	6.5
15	---	---	---	6.8	6.5	6.7	6.5	5.9	6.2	6.6	6.5	6.5
16	6.5	6.1	6.3	6.7	6.4	6.5	6.4	5.9	6.1	6.5	6.4	6.5
17	6.5	6.3	6.4	6.7	6.4	6.5	6.5	6.3	6.3	6.6	6.4	6.4
18	6.6	6.2	6.4	6.6	6.4	6.5	6.5	6.1	6.3	6.5	6.4	6.4
19	7.0	6.3	6.5	6.6	6.3	6.5	6.5	6.2	6.3	6.6	6.5	6.5
20	7.1	6.3	6.6	6.6	6.4	6.5	6.5	6.0	6.3	6.7	6.4	6.5
21	7.2	6.5	6.7	6.6	6.4	6.5	6.5	6.0	6.3	6.5	6.4	6.4
22	7.1	6.4	6.7	6.6	6.4	6.4	6.5	6.0	6.3	6.5	6.4	6.4
23	7.3	6.6	6.8	6.6	6.3	6.4	6.5	5.9	6.3	6.6	6.4	6.4
24	7.2	6.6	6.8	6.6	6.3	6.4	6.4	5.9	6.3	6.5	6.4	6.4
25	7.1	6.7	6.8	6.5	6.3	6.3	6.4	5.9	6.2	6.5	6.4	6.4
26	7.0	6.5	6.8	---	---	---	6.4	6.1	6.2	6.5	6.4	6.4
27	7.2	6.6	6.9	6.4	6.1	6.3	6.3	6.2	6.2	6.4	6.3	6.4
28	7.3	6.6	6.9	6.4	6.2	6.3	6.6	6.2	6.4	6.5	6.3	6.4
29	6.9	6.3	6.6	6.6	6.2	6.4	6.5	6.3	6.3	6.5	6.4	6.4
30	6.7	6.3	6.5	6.6	6.4	6.4	6.6	6.3	6.4	6.4	6.3	6.4
31	---	---	---	6.7	6.2	6.5	6.6	6.4	6.5	---	---	---
MAX	7.3	6.7	6.9	6.8	6.5	6.7	6.8	6.5	6.7	6.7	6.5	6.5
MIN	6.4	5.8	6.0	6.4	6.1	6.3	6.3	5.9	6.1	6.4	6.3	6.4
YEAR	MAX			MAXIMUM	7.7	MINIMUM	6.3					
	MIN			MAXIMUM	7.5	MINIMUM	5.8					
	MEDIAN			MAXIMUM	7.5	MINIMUM	6.0					

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	19.7	17.3	18.2	14.6	12.5	13.6	9.5	8.2	9.0	5.6	4.2	4.9
2	18.4	17.1	17.6	15.5	13.9	14.6	9.4	8.7	9.0	4.9	4.2	4.5
3	19.0	16.3	17.6	14.9	14.1	14.5	8.9	8.5	8.7	5.3	4.6	5.0
4	19.5	17.9	18.5	14.4	13.7	14.2	9.1	8.4	8.6	5.4	4.6	5.0
5	19.0	17.8	18.2	14.3	13.5	13.9	8.9	8.4	8.6	6.6	4.5	5.7
6	19.1	17.8	18.2	14.3	13.7	13.9	8.6	8.3	8.4	6.2	5.5	5.8
7	19.3	17.8	18.3	14.4	13.6	13.9	8.5	8.1	8.3	5.5	4.3	4.6
8	19.4	17.9	18.3	13.7	12.9	13.3	8.3	7.6	8.0	4.5	4.3	4.3
9	19.3	17.9	18.4	13.1	12.4	12.7	8.0	7.7	7.8	4.4	4.2	4.3
10	18.6	17.7	18.2	12.9	12.1	12.5	7.8	7.5	7.7	4.3	4.1	4.2
11	18.6	15.4	17.5	12.8	12.1	12.4	7.5	6.9	7.2	5.2	4.1	4.5
12	17.9	15.4	16.3	12.2	11.6	12.0	7.5	7.1	7.3	5.7	5.2	5.4
13	18.0	15.2	16.6	11.8	10.9	11.4	7.5	6.8	7.0	6.2	5.2	5.6
14	18.0	17.6	17.8	11.7	10.8	11.1	7.0	6.7	6.9	---	---	---
15	17.9	17.2	17.6	11.6	10.8	11.1	6.9	6.5	6.7	---	---	---
16	17.5	16.8	17.1	11.5	10.7	11.0	6.8	6.3	6.5	---	---	---
17	17.4	16.4	16.8	11.3	11.0	11.1	6.7	6.2	6.4	---	---	---
18	17.2	15.5	16.3	11.2	10.8	11.0	6.5	6.1	6.2	---	---	---
19	16.8	15.4	16.1	10.9	10.7	10.8	6.2	5.2	5.9	---	---	---
20	16.8	16.2	16.4	10.8	10.6	10.7	5.5	5.1	5.2	---	---	---
21	16.7	15.9	16.2	10.7	10.5	10.6	5.8	5.0	5.3	---	---	---
22	16.1	15.5	15.9	10.5	10.3	10.4	6.4	5.4	5.7	---	---	---
23	16.2	15.3	15.6	10.5	10.3	10.5	6.2	5.0	5.7	---	---	---
24	15.9	15.2	15.4	10.6	10.3	10.5	5.4	4.8	5.0	---	---	---
25	15.5	13.4	14.8	10.5	9.6	10.0	5.3	4.5	4.8	---	---	---
26	15.8	13.2	14.0	10.6	9.8	10.1	5.2	4.5	4.8	---	---	---
27	14.9	13.2	14.0	10.4	9.9	10.1	5.0	4.0	4.4	---	---	---
28	15.1	13.2	14.0	10.2	9.7	9.9	5.1	3.9	4.3	---	---	---
29	15.4	12.3	13.7	10.2	9.6	9.9	4.8	4.3	4.6	---	---	---
30	15.1	13.6	14.2	10.0	9.5	9.7	4.9	4.5	4.7	---	---	---
31	15.5	12.8	13.9	---	---	---	5.2	4.5	4.8	---	---	---
MONTH	19.7	12.3	16.5	15.5	9.5	11.7	9.5	3.9	6.6	6.6	4.1	4.9

YOUGHIOGHENY RIVER BASIN

03081000 YOUGHIOGHENY RIVER BELOW CONFLUENCE, PA--Continued

OXYGEN, DISSOLVED (MG/L), WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	10.8	8.8	9.8	8.3	8.0	8.1	7.2	7.0	7.1
2	---	---	---	9.2	8.4	8.8	8.4	8.0	8.2	7.2	7.1	7.2
3	---	---	---	9.1	8.7	8.9	8.1	7.9	8.0	7.3	7.2	7.3
4	---	---	---	9.0	8.7	8.9	8.2	7.8	8.0	7.4	7.2	7.3
5	6.2	5.2	5.8	9.5	8.6	9.1	8.1	7.7	7.9	7.5	7.3	7.4
6	7.1	5.8	6.6	9.7	9.3	9.5	7.9	7.7	7.8	7.6	7.4	7.5
7	8.0	7.1	7.4	9.6	9.2	9.4	7.8	7.6	7.7	7.6	7.5	7.5
8	8.8	7.3	7.9	9.3	9.0	9.1	7.7	7.5	7.6	7.7	7.5	7.6
9	9.4	7.8	8.4	9.7	9.3	9.5	7.6	7.5	7.5	7.8	7.6	7.7
10	9.0	8.0	8.4	9.8	9.1	9.4	7.5	7.4	7.4	7.9	7.7	7.8
11	9.1	8.4	8.8	9.7	9.1	9.2	7.4	7.3	7.4	8.0	7.8	7.9
12	9.5	8.6	8.9	9.3	9.1	9.2	7.4	7.3	7.3	8.1	7.9	8.0
13	9.5	8.6	8.9	9.6	9.1	9.3	7.3	7.2	7.2	---	---	---
14	8.6	8.2	8.4	9.6	9.3	9.4	7.2	7.1	7.2	---	---	---
15	8.8	8.4	8.6	9.6	9.1	9.3	7.3	7.0	7.1	---	---	---
16	8.5	8.1	8.4	9.5	9.1	9.3	7.2	7.0	7.1	---	---	---
17	8.5	8.0	8.3	9.5	9.1	9.2	7.1	6.9	7.0	---	---	---
18	8.9	8.4	8.6	9.4	9.1	9.2	7.1	6.9	6.9	---	---	---
19	8.7	8.2	8.4	9.2	8.9	9.1	7.0	6.8	6.9	---	---	---
20	8.5	8.1	8.3	9.1	8.8	9.0	6.9	6.7	6.8	---	---	---
21	8.9	8.4	8.7	9.0	8.8	8.9	7.0	6.7	6.8	---	---	---
22	9.0	8.7	8.9	9.0	8.7	8.8	7.0	6.8	6.9	---	---	---
23	9.2	8.8	9.0	9.0	8.7	8.8	7.0	6.8	6.8	---	---	---
24	9.2	8.9	9.1	8.8	8.5	8.7	6.9	6.7	6.8	---	---	---
25	9.7	9.0	9.3	8.7	8.4	8.6	6.9	6.7	6.8	---	---	---
26	9.9	9.7	9.8	8.9	8.5	8.7	6.9	6.7	6.8	---	---	---
27	10.2	9.9	10.1	8.8	8.5	8.6	7.0	6.8	6.9	---	---	---
28	10.6	9.4	10.1	8.6	8.3	8.4	7.0	6.8	6.9	---	---	---
29	10.5	9.2	9.7	8.7	8.2	8.4	7.0	6.8	7.0	---	---	---
30	10.3	9.2	9.7	8.5	8.1	8.3	7.0	6.9	7.0	---	---	---
31	10.4	9.4	9.8	---	---	---	7.1	6.9	7.1	---	---	---
MONTH	10.6	5.2	8.7	10.8	8.1	9.0	8.4	6.7	7.3	8.1	7.0	7.5
	FEBRUARY			MARCH			APRIL			MAY		
1	8.8	8.4	8.6	---	---	---	13.3	6.1	11.9	11.2	10.6	10.9
2	8.9	8.2	8.6	---	---	---	12.3	11.2	12.0	11.1	10.5	10.8
3	8.3	7.8	8.1	---	---	---	12.8	11.7	12.4	10.9	10.4	10.7
4	---	---	---	---	---	---	13.2	12.3	12.8	11.4	10.5	10.8
5	---	---	---	---	---	---	13.4	12.9	13.2	11.0	10.5	10.7
6	---	---	---	---	---	---	13.1	12.9	13.0	10.9	10.4	10.6
7	---	---	---	---	---	---	13.1	12.7	12.9	10.8	10.3	10.6
8	---	---	---	13.2	12.6	13.0	13.1	12.8	12.9	10.9	10.1	10.5
9	---	---	---	13.6	13.1	13.3	13.2	12.8	12.9	10.8	10.1	10.4
10	---	---	---	13.6	12.9	13.2	12.9	12.1	12.5	10.7	10.0	10.4
11	---	---	---	13.4	12.8	13.1	12.4	12.0	12.2	10.8	9.9	10.3
12	---	---	---	13.4	12.5	13.0	12.1	11.7	11.9	10.8	9.9	10.4
13	---	---	---	13.7	12.7	13.0	11.9	11.6	11.7	10.9	10.1	10.5
14	---	---	---	13.8	12.8	13.1	11.8	11.5	11.7	10.7	10.0	10.3
15	---	---	---	13.8	12.5	13.0	11.8	11.5	11.6	10.7	10.0	10.4
16	---	---	---	14.0	12.4	13.0	11.5	11.3	11.4	10.8	10.2	10.5
17	---	---	---	13.7	12.3	12.9	11.4	11.1	11.2	11.0	10.2	10.5
18	---	---	---	13.8	11.8	13.0	11.2	10.8	11.0	11.0	10.2	10.6
19	---	---	---	13.7	12.3	13.0	11.0	10.7	10.8	11.0	10.2	10.5
20	---	---	---	13.1	12.2	12.4	11.8	10.6	11.0	10.8	10.2	10.4
21	---	---	---	12.7	11.6	12.2	12.4	11.7	12.1	10.8	10.1	10.4
22	---	---	---	13.4	10.9	11.8	12.4	11.7	12.0	10.8	10.1	10.4
23	---	---	---	13.0	10.3	11.5	12.2	11.6	11.9	10.5	10.2	10.4
24	---	---	---	13.5	13.0	13.2	12.2	11.5	11.9	10.5	10.2	10.4
25	---	---	---	13.6	12.9	13.3	12.1	11.4	11.8	10.6	10.3	10.4
26	---	---	---	13.4	12.5	13.0	11.9	11.4	11.6	10.7	10.3	10.5
27	---	---	---	13.4	12.8	13.1	11.7	11.3	11.5	10.8	10.3	10.5
28	---	---	---	13.0	11.6	12.8	11.7	11.1	11.4	10.9	10.4	10.6
29	---	---	---	12.8	10.2	12.5	11.5	11.0	11.3	10.8	10.4	10.7
30	---	---	---	13.2	12.5	12.9	11.3	10.8	11.1	11.0	10.5	10.7
31	---	---	---	13.3	13.1	13.2	---	---	---	11.1	10.5	10.8
MONTH	8.9	7.8	8.4	14.0	10.2	12.9	13.4	6.1	11.9	11.4	9.9	10.5

