

**FISHING CREEK BASIN**

**01539000 FISHING CREEK NEAR BLOOMSBURG, PA**

**LOCATION.**--Lat 41°04'41", long 76°25'53", Columbia County, Hydrologic Unit 02050107, on left bank 10 ft downstream from Bowmans Mill bridge on SR 4034, 0.8 mi downstream from Green Creek, 0.9 mi west of Orangeville, and 5.5 mi north of Bloomsburg.

**DRAINAGE AREA.**--274 mi<sup>2</sup>.

**PERIOD OF RECORD.**--June 1938 to current year.

**REVISED RECORDS.**--WSP 1202: 1939-42, 1948(P), 1950.

**GAGE.**--Water-stage recorder. Datum of gage is 543.84 ft above National Geodetic Vertical Datum of 1929.

**REMARKS.**--Records good except those for estimated daily discharges, which are poor. Several measurements of water temperature were made during the year. Satellite telemetry at station.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than a base discharge of 4,000 ft<sup>3</sup>/s and maximum (\*):

Date	Time	Discharge ft <sup>3</sup> /s	Gage Height (ft)	Date	Time	Discharge ft <sup>3</sup> /s	Gage Height (ft)
May 14	0315	*13,200	*10.25	No other peak greater than base discharge.			

**DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	204	79	756	e170	896	209	808	947	390	155	50	29
2	174	80	550	e170	991	200	675	1480	309	142	50	36
3	152	80	442	e160	805	296	599	1480	261	143	46	37
4	137	77	371	e150	707	326	540	1090	233	126	41	33
5	124	76	318	156	569	248	472	890	219	115	40	29
6	114	74	284	155	514	252	431	743	445	106	38	25
7	113	72	258	157	465	248	390	650	976	100	35	23
8	105	71	241	e150	428	230	358	567	569	94	33	22
9	97	69	353	155	380	218	339	811	442	89	31	22
10	92	68	340	152	360	310	350	805	368	88	30	22
11	89	66	287	165	1110	292	306	619	313	81	28	20
12	87	65	265	189	830	264	278	1260	306	74	27	19
13	84	64	272	178	718	255	275	5840	354	71	26	18
14	81	64	346	163	582	250	394	8670	520	68	24	18
15	95	63	399	158	536	238	1080	3040	1230	67	23	20
16	104	62	356	160	501	314	866	1810	1790	63	22	26
17	115	61	374	156	464	336	685	1330	1140	59	22	30
18	122	60	872	156	406	312	576	2070	828	55	22	25
19	107	59	848	137	357	335	512	1720	671	53	21	24
20	98	60	695	141	338	468	551	1310	554	62	22	23
21	91	60	574	144	347	739	472	1080	459	63	22	22
22	87	59	479	145	328	762	441	893	389	58	22	117
23	86	58	421	139	294	654	439	757	333	63	22	876
24	94	57	417	170	267	579	374	652	291	91	30	332
25	111	103	369	298	250	529	359	560	261	72	51	179
26	108	553	313	304	242	642	407	540	233	63	47	132
27	97	338	260	307	257	2270	336	471	232	61	35	459
28	90	259	266	334	235	1550	752	411	253	70	31	1870
29	86	255	238	390	---	1180	1580	410	207	77	28	796
30	83	303	201	654	---	1010	1150	374	174	65	28	488
31	80	---	e180	793	---	859	---	342	---	56	26	---
TOTAL	3307	3415	12345	6856	14177	16375	16795	43622	14750	2550	973	5772
MEAN	106.7	113.8	398.2	221.2	506.3	528.2	559.8	1407	491.7	82.26	31.39	192.4
MAX	204	553	872	793	1110	2270	1580	8670	1790	155	51	1870
MIN	80	57	180	137	235	200	275	342	174	53	21	18
CFSM	0.39	0.42	1.45	0.81	1.85	1.93	2.04	5.14	1.79	0.30	0.11	0.70
IN.	0.45	0.46	1.68	0.93	1.92	2.22	2.28	5.92	2.00	0.35	0.13	0.78

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2002, BY WATER YEAR (WY)**

MEAN	286.0	449.0	602.5	509.8	569.4	891.6	895.1	616.3	339.4	197.6	158.8	208.1
MAX	1589	995	1867	1509	1456	1680	2518	1712	2230	835	548	1286
(WY)	1977	1946	1997	1979	1981	1977	1993	1989	1972	1947	2000	1975
MIN	12.5	16.4	87.4	53.5	128	293	221	127	74.3	30.3	15.5	9.96
(WY)	1965	1965	1999	1981	1940	1981	1946	1941	1939	1964	1964	1964

e Estimated.

FISHING CREEK BASIN

01539000 FISHING CREEK NEAR BLOOMSBURG, PA--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1938 - 2002	
ANNUAL TOTAL	115581		140937			
ANNUAL MEAN	317		386		476	
HIGHEST ANNUAL MEAN					739	
LOWEST ANNUAL MEAN					229	
HIGHEST DAILY MEAN	4470	Jun 23	8670	May 14	18500	Jun 23 1972
LOWEST DAILY MEAN	28	Aug 15,16	18	Sep 13,14	8.4	Sep 12 1964
ANNUAL SEVEN-DAY MINIMUM	31	Aug 10	20	Sep 9	8.7	Sep 12 1964
MAXIMUM PEAK FLOW			a13200	May 14	a30900	Jun 22 1972
MAXIMUM PEAK STAGE			10.25	May 14	b15.18	Jun 22 1972
INSTANTANEOUS LOW FLOW					7.6	Jul 19 1939
ANNUAL RUNOFF (CFSM)	1.16		1.41		1.74	
ANNUAL RUNOFF (INCHES)	15.69		19.13		23.61	
10 PERCENT EXCEEDS	755		837		1070	
50 PERCENT EXCEEDS	170		242		270	
90 PERCENT EXCEEDS	52		31		53	

a From rating curve extended above 9,500 ft<sup>3</sup>/s on basis of contracted-opening measurement at gage height 12.08 ft.  
 b From floodmark in gage.

