

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 mi².

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 ft³/s and maximum (*):

Date	Time	Discharge ft ³ /s	Gage Height (ft)	Date	Time	Discharge ft ³ /s	Gage Height (ft)
Oct. 12	1315	*8,600	*8.36	June 21	0730	6,560	7.42
Oct. 16	2245	4,570	6.35	Sept. 23	1100	4,810	6.49
Mar. 21	0500	8,170	8.17				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	353	571	459	822	e140	441	921	401	2850	306	389	287
2	274	511	400	1980	e150	432	977	386	2310	273	433	2010
3	224	460	353	1380	e140	419	993	358	1440	243	494	1490
4	193	419	278	1090	e400	353	890	313	1270	219	542	3100
5	175	386	308	894	547	386	1030	291	999	197	730	1690
6	167	616	311	782	365	365	963	282	808	177	943	1060
7	142	577	263	691	307	294	853	271	967	173	754	783
8	125	493	275	645	256	325	820	295	1170	194	601	618
9	112	462	236	677	255	356	791	291	938	169	538	516
10	107	438	e210	685	242	337	787	258	785	168	704	436
11	667	443	288	586	223	279	1260	241	693	691	824	373
12	5380	532	984	506	221	301	1790	248	951	440	1570	320
13	2930	921	882	446	e210	342	1310	243	778	272	982	300
14	1490	750	1730	409	e200	357	1040	222	661	212	1130	361
15	989	672	1790	391	e180	453	879	203	604	179	732	303
16	1960	617	1280	e340	e200	910	760	215	481	168	594	408
17	3180	949	949	e300	e220	1740	654	253	407	166	836	304
18	1690	1200	752	e230	e300	2760	596	223	480	147	576	251
19	1180	1050	671	e260	e220	2880	557	196	456	148	473	248
20	943	930	961	e260	193	2880	497	177	663	135	400	305
21	740	833	1160	e280	181	6500	460	213	4830	132	337	266
22	598	970	910	e240	260	3950	609	189	2770	477	298	231
23	511	1080	782	e220	1200	2630	541	174	1730	816	270	2540
24	442	901	675	e200	1050	1860	456	386	1160	579	233	1560
25	425	806	666	e220	748	1450	412	847	870	393	205	976
26	1170	709	641	e180	590	1270	487	733	687	293	188	761
27	1040	652	554	e220	540	1180	596	671	564	252	181	632
28	833	579	498	e210	489	953	479	610	474	1390	166	867
29	700	529	477	e200	---	895	458	749	401	776	151	685
30	663	499	432	e180	---	1150	441	591	344	536	166	567
31	650	---	427	e150	---	1020	---	535	---	416	177	---
TOTAL	30053	20555	20602	15674	10027	39468	23307	11065	33541	10737	16617	24248
MEAN	969	685	665	506	358	1273	777	357	1118	346	536	808
MAX	5380	1200	1790	1980	1200	6500	1790	847	4830	1390	1570	3100
MIN	107	386	210	150	140	279	412	174	344	132	151	231
CFSM	3.54	2.50	2.43	1.85	1.31	4.65	2.84	1.30	4.08	1.26	1.96	2.95
IN.	4.08	2.79	2.80	2.13	1.36	5.36	3.16	1.50	4.55	1.46	2.26	3.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2003, BY WATER YEAR (WY)

MEAN	296	453	603	510	566	897	893	612	351	200	164	217
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.

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01539000 FISHING CREEK NEAR BLOOMSBURG, PA--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1938 - 2003	
ANNUAL TOTAL	193080		255894			
ANNUAL MEAN	529		701		480	
HIGHEST ANNUAL MEAN					739	
LOWEST ANNUAL MEAN					229	
HIGHEST DAILY MEAN	8670	May 14	6500	Mar 21	18500	Jun 23 1972
LOWEST DAILY MEAN	18	Sep 13,14	107	Oct 10	8.4	Sep 12 1964
ANNUAL SEVEN-DAY MINIMUM	20	Sep 9	146	Oct 4	8.7	Sep 12 1964
MAXIMUM PEAK FLOW			8600	Oct 12	a 30900	Jun 22 1972
MAXIMUM PEAK STAGE			8.36	Oct 12	b 15.18	Jun 22 1972
INSTANTANEOUS LOW FLOW					7.6	Jul 19 1939
ANNUAL RUNOFF (CFSM)	1.93		2.56		1.75	
ANNUAL RUNOFF (INCHES)	26.21		34.74		23.78	
10 PERCENT EXCEEDS	1080		1270		1080	
50 PERCENT EXCEEDS	353		497		273	
90 PERCENT EXCEEDS	31		194		54	

a From rating curve extended above 9,500 ft³/s on basis of contracted-opening measurement at gage height 12.08 ft.

b From floodmark in gage.

