

**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 sea level.

**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)
Jan. 18	--	Unknown	Ice jam	Jan. 24	1400	*13,000	*10.15

**DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998  
DAILY MEAN VALUES**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30	62	98	e78	610	517	e640	e350	120	75	17	23
2	28	61	93	e78	1270	440	e620	e330	113	63	17	21
3	28	59	90	e110	1260	387	e590	e320	111	63	16	21
4	30	57	86	e160	1040	2130	e640	e320	108	58	15	21
5	35	55	85	e150	910	1590	e600	e310	99	48	15	20
6	32	53	83	e140	786	e1100	e540	e300	90	42	15	40
7	30	51	82	e130	710	e900	e500	e290	90	36	15	94
8	103	49	81	e160	665	e700	e450	e450	87	33	15	110
9	245	49	81	e200	581	e660	e640	e520	78	31	15	74
10	380	49	80	e250	548	e600	e1100	e350	75	34	15	57
11	259	61	77	e170	532	e560	e800	e280	73	34	15	48
12	183	78	74	e150	616	e500	e680	e270	69	30	14	43
13	140	80	72	e190	849	468	e600	e250	63	27	17	38
14	170	77	69	e240	681	457	e540	e230	64	25	86	38
15	194	74	65	e280	602	470	e500	e220	69	23	83	e39
16	153	70	63	e330	588	458	e540	e210	66	22	39	e300
17	129	67	64	e380	620	486	e640	e200	77	21	28	1160
18	113	64	65	1150	668	588	e520	e190	125	21	23	501
19	103	59	63	2630	590	619	e450	e220	98	20	21	316
20	96	60	61	1420	534	e500	e500	231	83	21	23	230
21	90	65	60	992	486	e520	e520	189	75	21	44	265
22	86	65	99	1140	388	e2500	e460	169	68	28	38	499
23	84	65	206	2010	e330	e1700	e500	219	62	42	29	492
24	81	64	e160	9490	e310	e1400	e800	235	58	31	25	369
25	81	60	e110	4940	e300	e1200	e540	278	53	25	23	290
26	77	79	e100	2430	e290	e920	e500	248	49	24	22	233
27	73	167	e96	1620	e290	e860	e450	212	46	22	57	198
28	72	138	e92	1270	373	e800	e400	185	43	21	53	185
29	73	117	e88	1090	---	e740	e380	164	82	19	37	186
30	71	105	e86	861	---	e700	e370	147	109	18	30	1060
31	67	---	e80	704	---	e660	---	132	---	18	25	---
TOTAL	3336	2160	2709	34943	17427	26130	17010	8019	2403	996	887	6971
MEAN	108	72.0	87.4	1127	622	843	567	259	80.1	32.1	28.6	232
MAX	380	167	206	9490	1270	2500	1100	520	125	75	86	1160
MIN	28	49	60	78	290	387	370	132	43	18	14	20
CFSM	.39	.26	.32	4.11	2.27	3.08	2.07	.94	.29	.12	.10	.85
IN.	.45	.29	.37	4.74	2.37	3.55	2.31	1.09	.33	.14	.12	.95

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 1999, BY WATER YEAR (WY)**

MEAN	288	462	607	523	570	897	902	614	332	200	156	208
MAX	1589	995	1867	1509	1456	1680	2518	1712	2230	835	525	1286
(WY)	1977	1946	1997	1979	1981	1977	1993	1989	1972	1947	1994	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

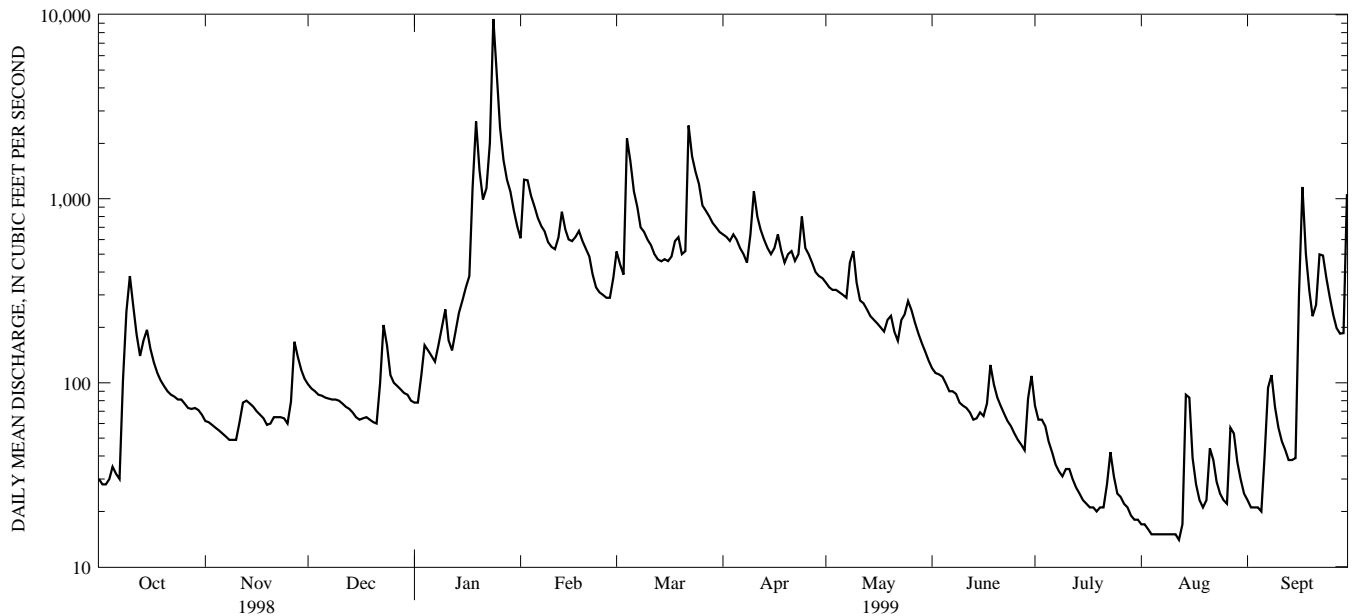
e Estimated.

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01539000 FISHING CREEK NEAR BLOOMSBURG, PA--Continued

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR			FOR 1999 WATER YEAR		WATER YEARS 1938 - 1999	
ANNUAL TOTAL	186993			122991			
ANNUAL MEAN	512			337		479	
HIGHEST ANNUAL MEAN						739	
LOWEST ANNUAL MEAN						229	
HIGHEST DAILY MEAN	9260	Jan	9	9490	Jan	24	18500
LOWEST DAILY MEAN	28	Oct	2,3	14	Aug	12	8.4
ANNUAL SEVEN-DAY MINIMUM	30	Oct	1	15	Aug	6	8.7
INSTANTANEOUS PEAK FLOW				13000	Jan	24	<b>a</b> 30900
INSTANTANEOUS PEAK STAGE				10.15	Jan	24	<b>b</b> 15.18
INSTANTANEOUS LOW FLOW						7.6	
ANNUAL RUNOFF (CFSM)	1.87			1.23		1.75	
ANNUAL RUNOFF (INCHES)	25.39			16.70		23.76	
10 PERCENT EXCEEDS	1240			722		1080	
50 PERCENT EXCEEDS	194			110		270	
90 PERCENT EXCEEDS	44			25		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.



1-YEAR HYDROGRAPH  
 OCTOBER 1, 1998 TO SEPTEMBER 30, 1999