



2005 Water Year  
FISHING CREEK BASIN  
01539000 Fishing Creek near Bloomsburg, PA

Latitude: 41° 04 ' 41"

Longitude: 076° 25 ' 53"

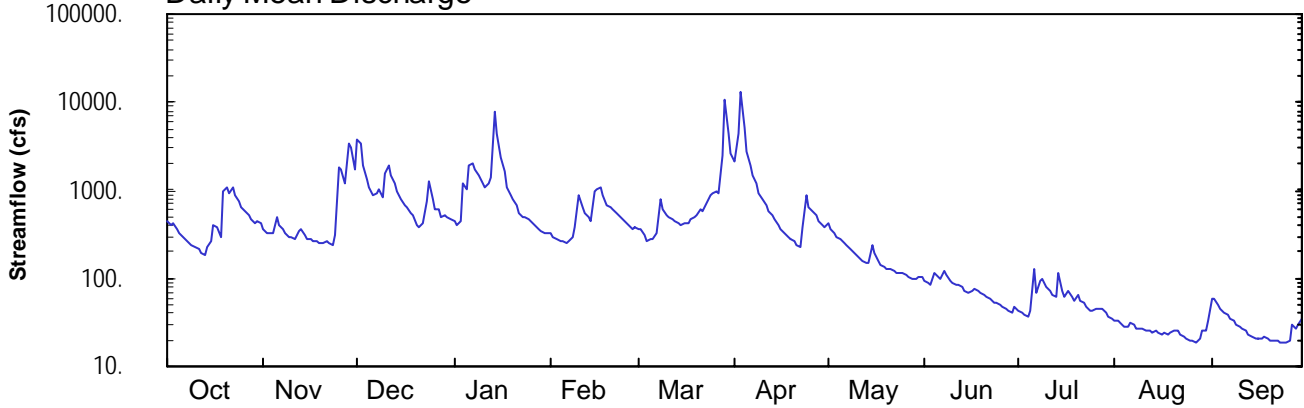
Hydrologic Unit Code: 02050107

Columbia County

Datum: 543.84 feet

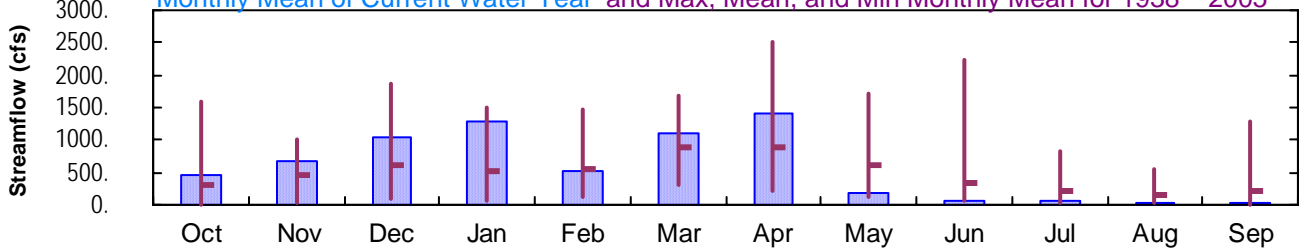
Drainage Area: 274. mi<sup>2</sup>

### Daily Mean Discharge

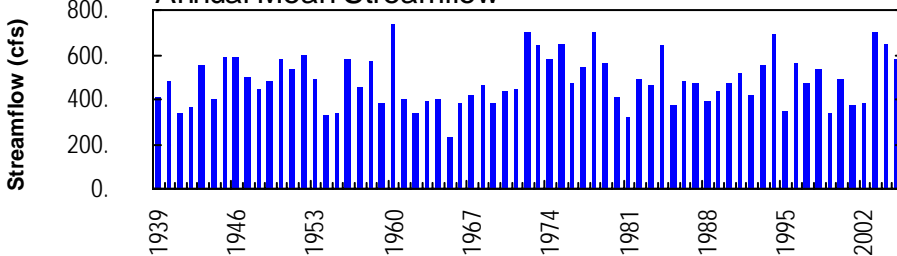


### Monthly Statistics

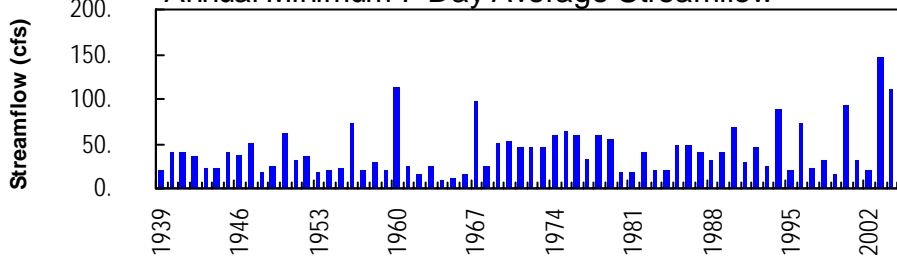
Monthly Mean of Current Water Year and Max, Mean, and Min Monthly Mean for 1938 – 2005



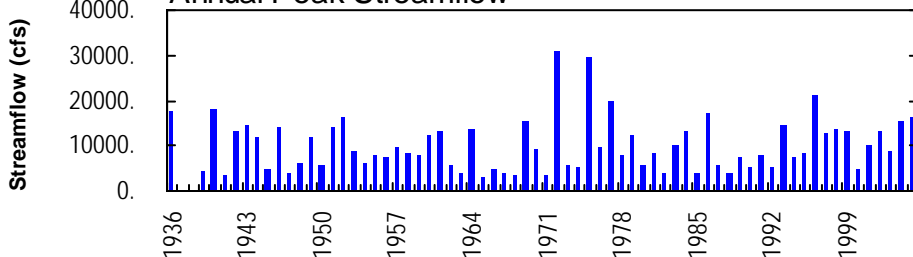
### Annual Mean Streamflow



### Annual Minimum 7-Day Average Streamflow



### Annual Peak Streamflow



## 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)
Nov. 28	1515	5,810	7.04	Mar. 29	0945	14,000	10.55
Dec. 1	1615	5,830	7.05	Apr. 3	1000	*16,300	*11.33
Jan. 14	1315	11,500	9.68				

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	452	367	3810	443	e320	372	2080	422	95	43	34	60
2	397	331	3390	406	e300	358	4390	362	88	40	33	58
3	423	321	1930	454	275	304	12800	331	86	38	31	50
4	370	322	1360	1220	272	271	5200	301	113	37	29	46
5	325	488	1070	1050	262	278	2800	276	107	44	28	41
6	293	398	873	1930	257	283	1930	255	98	125	32	38
7	273	355	929	2070	268	324	1470	238	121	69	30	36
8	254	326	1030	1690	293	811	1170	219	107	91	28	33
9	239	302	823	1510	383	621	932	200	93	98	27	30
10	227	288	1540	1220	875	527	785	186	89	82	27	28
11	212	281	1890	1080	631	508	666	175	83	71	26	27
12	198	336	1470	1170	544	478	577	160	83	66	25	25
13	189	369	1190	1410	486	445	521	149	78	62	25	23
14	225	303	961	7890	455	419	460	146	74	117	26	21
15	265	282	793	4470	993	398	404	238	69	72	24	21
16	404	275	688	2350	1010	420	358	192	71	63	23	20
17	379	268	629	1630	1070	433	324	156	76	71	24	21
18	297	262	560	1110	878	467	301	142	70	61	23	22
19	998	256	526	e900	679	492	280	131	67	56	24	21
20	1080	256	404	e800	646	527	261	131	65	67	26	20
21	907	269	e390	687	613	602	242	131	61	56	25	20
22	1070	247	414	e550	555	571	221	124	58	52	23	19
23	883	233	764	e500	518	702	383	118	54	48	22	19
24	756	311	1230	e490	469	899	888	115	52	43	21	18
25	649	1850	789	e470	439	941	656	118	50	42	20	18
26	568	1760	e620	e420	394	978	566	111	47	45	19	20
27	510	1180	597	e410	361	941	511	103	45	45	19	30
28	463	3480	504	e370	379	2480	458	98	42	46	21	27
29	427	3010	522	e350	---	10400	410	100	41	40	25	30
30	453	1740	488	e320	---	4370	388	102	47	37	25	35
31	424	---	461	e330	---	2640	---	103	---	35	33	---
TOTAL	14610	20466	32645	39700	14625	34260	42432	5633	2230	1862	798	877
MEAN	471	682	1053	1281	522	1105	1414	182	74.3	60.1	25.7	29.2
MAX	1080	3480	3810	7890	1070	10400	12800	422	121	125	34	60
MIN	189	233	390	320	257	271	221	98	41	35	19	18
CFSM	1.72	2.49	3.84	4.67	1.91	4.03	5.16	0.66	0.27	0.22	0.09	0.11
IN.	1.98	2.78	4.43	5.39	1.99	4.65	5.76	0.76	0.30	0.25	0.11	0.12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2005, BY WATER YEAR (WY)

MEAN	306	462	617	523	560	901	896	609	348	200	167	223
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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1938 - 2005	
ANNUAL TOTAL	223347		210138			
ANNUAL MEAN	610		576		484	
HIGHEST ANNUAL MEAN					739	
LOWEST ANNUAL MEAN					229	
HIGHEST DAILY MEAN	8990	Sep 18	12800	Apr 3	18500	Jun 23 1972
LOWEST DAILY MEAN	100	Jul 11	18	Sep 24,25	8.4	Sep 12 1964
ANNUAL SEVEN-DAY MINIMUM	110	Jul 5	19	Sep 20	8.7	Sep 12 1964
MAXIMUM PEAK FLOW			a16300	Apr 3	a30900	Jun 22 1972
MAXIMUM PEAK STAGE			11.33	Apr 3	b15.18	Jun 22 1972
INSTANTANEOUS LOW FLOW					7.6	Jul 19 1939
ANNUAL RUNOFF (CFSM)	2.23		2.10		1.76	
ANNUAL RUNOFF (INCHES)	30.32		28.53		23.98	
10 PERCENT EXCEEDS	1170		1180		1080	
50 PERCENT EXCEEDS	421		293		277	
90 PERCENT EXCEEDS	171		27		54	

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.

