

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 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 ft³/s and maximum (*):

Date	Time	Discharge ft ³ /s	Gage Height (ft)	Date	Time	Discharge ft ³ /s	Gage Height (ft)
Dec. 17	1530	*10,200	*9.05	June 23	1600	5,570	6.91

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	93	161	348	287	373	417	1280	326	90	304	51	267
2	90	152	316	e260	379	419	1020	290	314	393	45	142
3	86	144	274	e250	357	403	853	259	341	272	41	95
4	82	139	247	237	304	404	754	243	268	232	41	83
5	83	133	267	e230	320	399	714	228	208	246	48	80
6	105	128	243	228	309	384	825	207	169	212	41	70
7	128	123	224	219	303	366	1090	187	149	184	38	60
8	112	119	224	210	289	362	1270	175	132	178	35	55
9	101	119	212	205	319	361	1260	172	119	171	32	50
10	95	246	178	192	717	348	1630	164	109	152	31	46
11	91	620	216	e170	691	349	1200	152	103	211	32	43
12	88	460	225	e170	532	348	986	147	102	226	32	41
13	84	388	193	e160	543	994	841	143	103	169	33	38
14	81	360	207	e150	545	1140	708	131	101	147	31	59
15	78	347	211	156	783	984	622	126	90	131	28	68
16	76	308	228	160	744	851	719	119	91	120	28	52
17	82	284	7130	164	786	943	664	113	240	118	52	47
18	1130	262	3960	160	617	1060	627	118	170	172	48	44
19	965	243	1770	164	550	900	557	120	123	141	41	41
20	591	230	1230	177	554	815	519	111	138	117	50	42
21	457	222	875	161	559	882	551	108	156	104	48	55
22	379	209	742	e140	427	1510	573	132	747	94	44	57
23	322	188	554	e160	439	1220	528	145	4470	87	44	51
24	286	e160	e520	e160	402	1060	490	126	2170	83	48	75
25	261	e160	e480	143	433	869	451	110	1010	76	44	2000
26	240	277	e440	e140	549	727	423	111	658	72	40	837
27	223	571	e410	134	506	612	403	123	489	68	46	497
28	219	441	e380	127	456	548	381	122	388	62	56	385
29	195	393	e340	e110	---	508	352	116	321	59	78	315
30	181	379	331	155	---	1860	328	108	272	57	62	256
31	170	---	315	314	---	1700	---	96	---	55	52	---
TOTAL	7174	7966	23290	5693	13786	23743	22619	4828	13841	4713	1340	5951
MEAN	231	266	751	184	492	766	754	156	461	152	43.2	198
MAX	1130	620	7130	314	786	1860	1630	326	4470	393	78	2000
MIN	76	119	178	110	289	348	328	96	90	55	28	38
CFSM	.84	.97	2.74	.67	1.80	2.80	2.75	.57	1.68	.55	.16	.72
IN.	.97	1.08	3.16	.77	1.87	3.22	3.07	.66	1.88	.64	.18	.81

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2001, BY WATER YEAR (WY)

MEAN	289	454	606	514	570	897	900	604	337	199	161	208
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 2000 CALENDAR YEAR			FOR 2001 WATER YEAR			WATER YEARS 1938 - 2001		
ANNUAL TOTAL	188409			134944					
ANNUAL MEAN	515			370			478		
HIGHEST ANNUAL MEAN							739		
LOWEST ANNUAL MEAN							229		
HIGHEST DAILY MEAN	7130	Dec 17		7130	Dec 17		18500		Jun 23 1972
LOWEST DAILY MEAN	76	Oct 16		28	Aug 15,16		8.4		Sep 12 1964
ANNUAL SEVEN-DAY MINIMUM	83	Oct 11		31	Aug 10		8.7		Sep 12 1964
MAXIMUM PEAK FLOW				10200			a30900		
MAXIMUM PEAK STAGE				9.05			b15.18		
INSTANTANEOUS LOW FLOW							7.6		
ANNUAL RUNOFF (CFSM)	1.88			1.35			1.74		
ANNUAL RUNOFF (INCHES)	25.58			18.32			23.68		
10 PERCENT EXCEEDS	1100			830			1070		
50 PERCENT EXCEEDS	312			212			270		
90 PERCENT EXCEEDS	127			52			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.

