



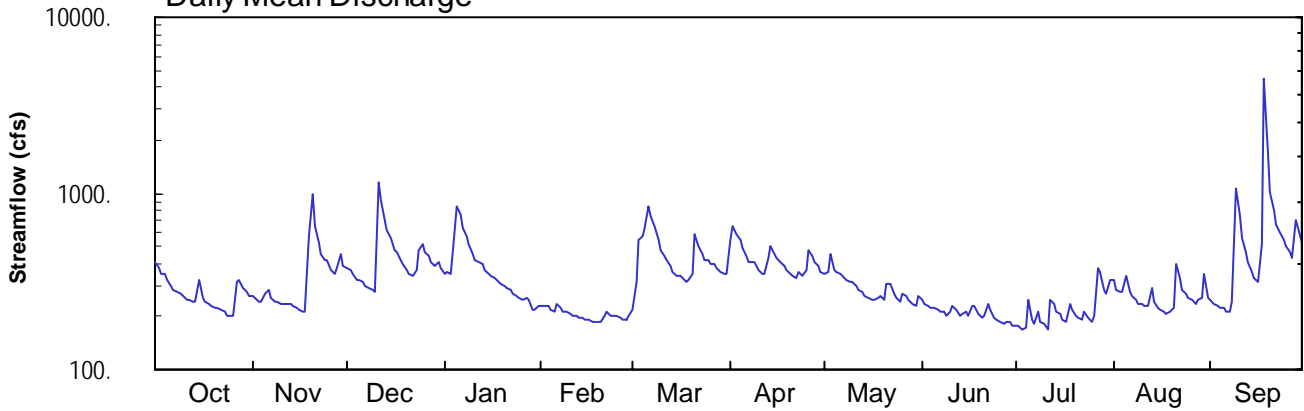
2004 Water Year
WEST BRANCH SUSQUEHANNA RIVER BASIN
01547100 Spring Creek at Milesburg, PA

Latitude: 40° 55 ' 54"
Centre County

Longitude: 077° 47 ' 13"
Datum: 696.42 feet

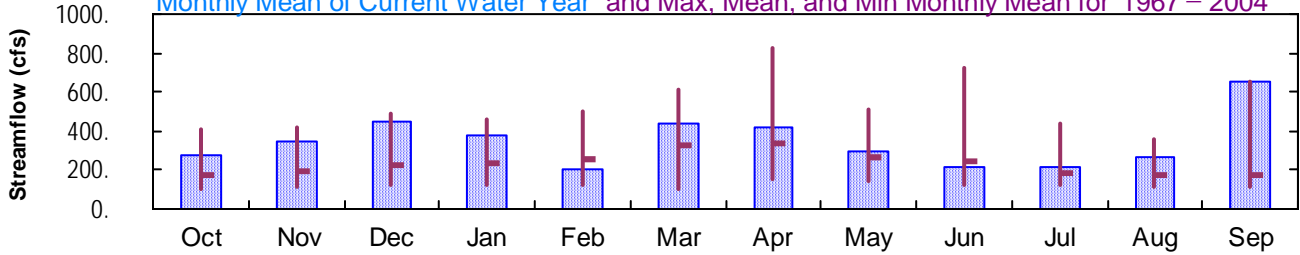
Hydrologic Unit Code: 02050204
Drainage Area: 142. mi²

Daily Mean Discharge

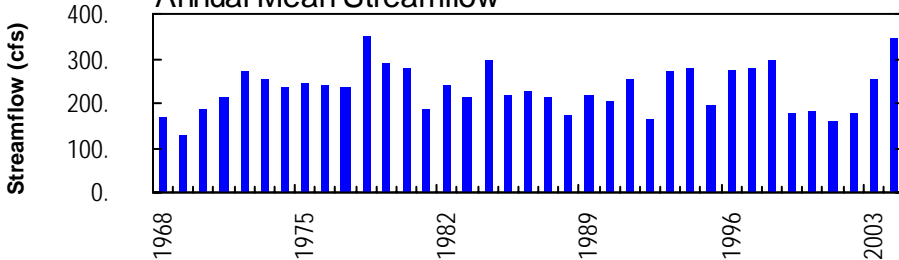


Monthly Statistics

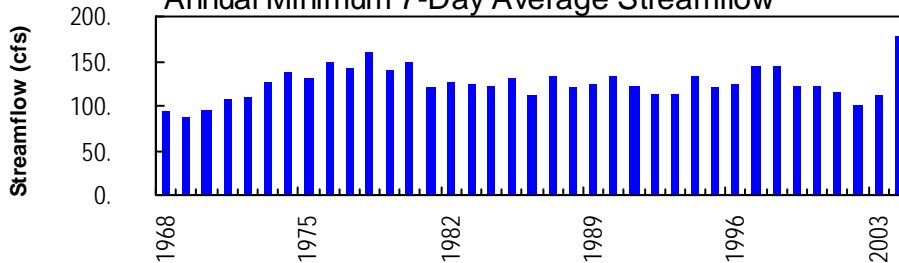
Monthly Mean of Current Water Year and Max, Mean, and Min Monthly Mean for 1967 – 2004



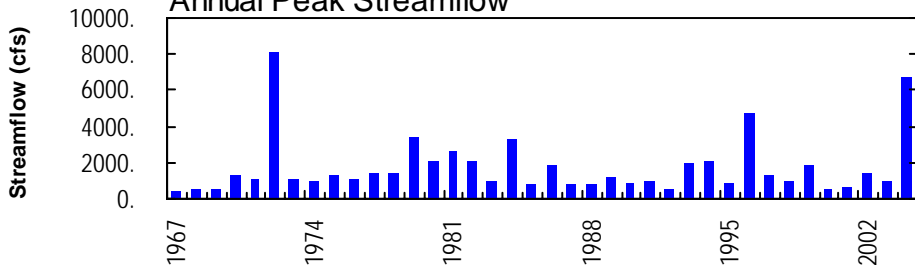
Annual Mean Streamflow



Annual Minimum 7-Day Average Streamflow



Annual Peak Streamflow



WEST BRANCH SUSQUEHANNA RIVER BASIN

01547100 SPRING CREEK AT MILESBERG, PA

LOCATION.--Lat 40°55'54", long 77°47'13", Centre County, Hydrologic Unit 02050204, on left bank 60 ft downstream from privately-owned bridge, 400 ft west of State Highway 144, and 0.8 mi upstream from mouth and Milesburg.

DRAINAGE AREA.--142 mi².

PERIOD OF RECORD.--May 1967 to current year.

GAGE.--Water-stage recorder. Datum of gage is 696.42 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Occasional regulation at low flow by fish hatchery and Rockview Penitentiary. 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 800 ft³/s and maximum (*):

Date	Time	Discharge ft ³ /s	Gage Height (ft)	Date	Time	Discharge ft ³ /s	Gage Height (ft)
Nov. 20	0330	1,280	6.45	Mar. 6	1315	912	5.52
Dec. 11	1600	1,530	6.97	Sept. 9	1800	1,360	6.63
Jan. 5	1415	908	5.51	Sept. 18	1000	*6,710	*12.41

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	412	259	379	351	228	219	541	348	249	177	320	246
2	375	257	363	357	227	310	644	356	237	175	286	237
3	350	244	344	353	227	536	584	451	227	169	273	228
4	346	241	325	457	220	572	541	365	226	173	275	226
5	326	269	319	842	212	637	483	357	227	246	341	224
6	301	280	318	764	234	835	442	349	219	193	276	214
7	284	253	302	640	221	737	410	342	215	183	262	211
8	276	243	293	566	212	650	406	322	215	215	248	242
9	268	239	286	512	212	544	407	314	203	184	237	1060
10	262	239	279	447	208	481	364	315	212	e180	238	761
11	249	238	1140	419	202	442	345	298	231	e170	229	551
12	246	238	917	409	202	416	346	282	220	e250	232	466
13	241	238	699	392	196	382	433	274	204	235	290	412
14	244	228	615	365	194	357	503	264	208	215	239	362
15	323	224	552	350	191	342	454	253	214	205	226	332
16	253	221	478	336	191	340	431	249	202	192	218	312
17	243	215	465	328	188	331	410	246	231	187	213	521
18	238	213	423	325	184	316	383	255	227	234	207	4420
19	232	567	399	310	188	322	363	264	206	217	212	1700
20	225	990	367	295	189	347	351	248	199	201	226	1010
21	226	646	350	290	201	594	343	305	200	197	401	795
22	220	524	340	285	211	498	328	305	234	194	328	675
23	211	449	365	267	202	450	361	268	216	210	284	597
24	204	418	471	260	202	420	338	254	197	195	266	540
25	201	415	519	255	202	419	367	244	194	187	256	501
26	202	366	469	251	195	394	470	270	187	205	248	465
27	311	344	438	253	191	395	446	262	184	377	234	431
28	321	381	411	250	191	377	412	251	187	358	251	707
29	293	450	391	e220	200	360	383	238	187	286	258	632
30	278	391	410	e220	---	347	355	233	176	266	352	523
31	264	---	373	229	---	352	---	259	---	323	255	---
TOTAL	8425	10280	13800	11598	5921	13722	12644	9041	6334	6799	8181	19601
MEAN	272	343	445	374	204	443	421	292	211	219	264	653
MAX	412	990	1140	842	234	835	644	451	249	377	401	4420
MIN	201	213	279	220	184	219	328	233	176	169	207	211
CFSM	1.91	2.41	3.13	2.63	1.44	3.12	2.97	2.05	1.49	1.54	1.86	4.60
IN.	2.21	2.69	3.62	3.04	1.55	3.59	3.31	2.37	1.66	1.78	2.14	5.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 2004, BY WATER YEAR (WY)

MEAN	174	193	226	230	258	330	338	264	240	189	171	178
MAX	411	421	486	455	500	617	825	507	729	434	357	653
(WY)	1997	1978	1997	1996	1984	1994	1993	1978	1972	1972	1984	2004
MIN	102	107	121	118	128	104	149	147	123	118	110	108
(WY)	1970	2002	2002	2002	1969	1969	1969	1969	1969	1969	1968	1969

e Estimated.

WEST BRANCH SUSQUEHANNA RIVER BASIN

01547100 SPRING CREEK AT MILESBERG, PA--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1967 - 2004	
ANNUAL TOTAL	109244		126346			
ANNUAL MEAN	299		345		233	
HIGHEST ANNUAL MEAN					350	
LOWEST ANNUAL MEAN					128	
HIGHEST DAILY MEAN	1140	Dec 11	4420	Sep 18	6000	Jun 23 1972
LOWEST DAILY MEAN	e140	Feb 17	169	Jul 3	82	Mar 24 1969
ANNUAL SEVEN-DAY MINIMUM	a146	Feb 15	178	Jun 28	87	Mar 18 1969
MAXIMUM PEAK FLOW			b6710	Sep 18	b8170	Jun 23 1972
MAXIMUM PEAK STAGE			12.41	Sep 18	c13.20	Jun 23 1972
ANNUAL RUNOFF (CFSM)	2.11		2.43		1.64	
ANNUAL RUNOFF (INCHES)	28.62		33.10		22.27	
10 PERCENT EXCEEDS	447		528		371	
50 PERCENT EXCEEDS	264		281		191	
90 PERCENT EXCEEDS	185		201		128	

a Computed using estimated daily discharges.

b From rating curve extended above 900 ft³/s on basis of flow-over-dam measurement of peak flow.

c From peak-stage indicator.

e Estimated.