



2005 Water Year
WEST BRANCH SUSQUEHANNA RIVER BASIN
01547100 Spring Creek at Milesburg, PA

Latitude: 40° 55 ' 54"

Longitude: 077° 47 ' 13"

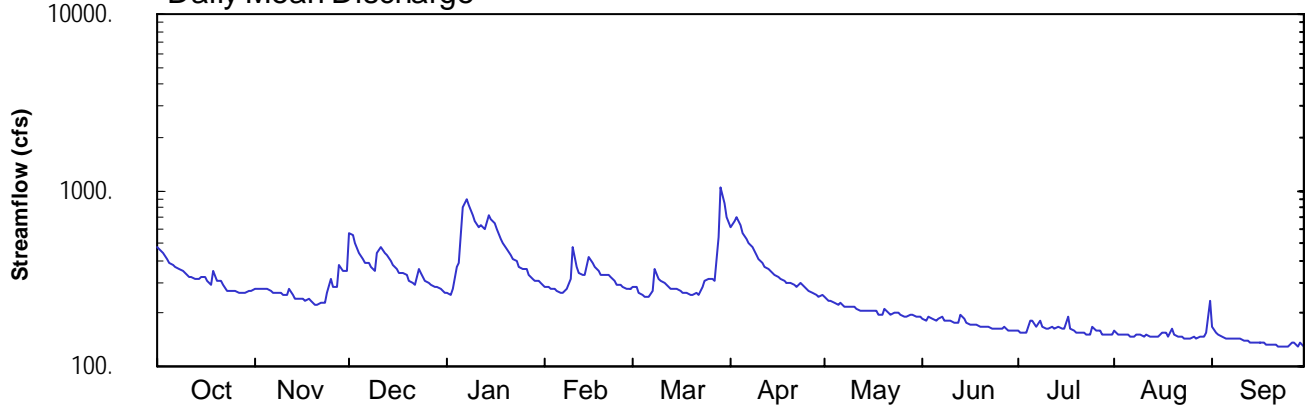
Hydrologic Unit Code: 02050204

Centre County

Datum: 696.42 feet

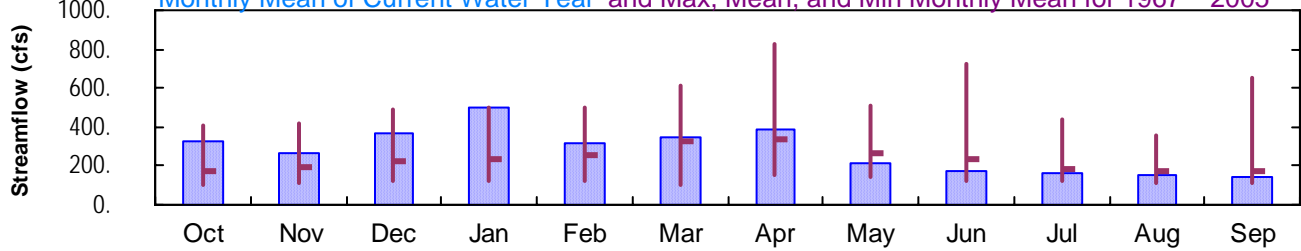
Drainage Area: 142. mi²

Daily Mean Discharge

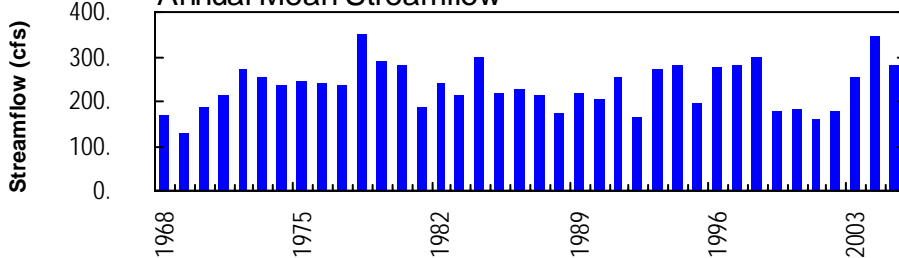


Monthly Statistics

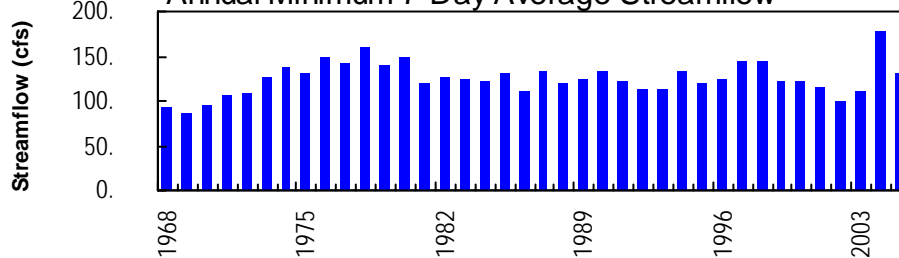
Monthly Mean of Current Water Year and Max, Mean, and Min Monthly Mean for 1967 – 2005



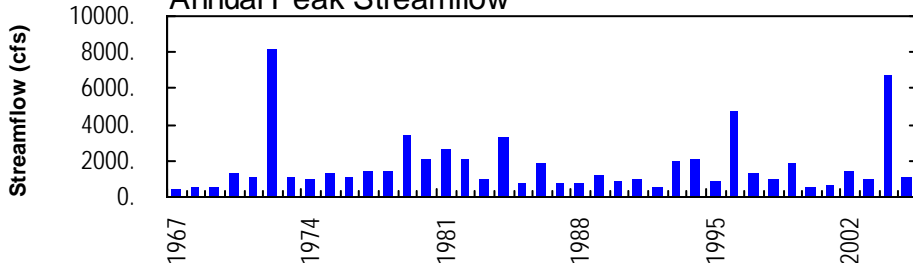
Annual Mean Streamflow



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)
Jan. 6	2015	1,010	5.61	Mar. 29	1030	*1,130	*5.92

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	476	276	575	263	286	281	612	249	186	159	e160	167
2	452	275	560	258	280	280	665	233	183	157	e150	154
3	436	278	497	277	279	264	702	234	191	156	e150	150
4	406	277	443	364	276	255	642	230	188	155	150	147
5	385	276	411	388	266	251	575	227	183	180	150	145
6	374	267	384	795	265	248	527	229	189	184	149	145
7	363	264	383	899	265	270	498	218	192	167	148	143
8	354	262	366	820	276	361	471	217	182	180	151	142
9	347	259	347	728	317	317	431	219	180	169	151	143
10	337	258	441	668	478	303	407	219	181	162	150	142
11	326	254	476	622	364	301	386	215	178	164	150	141
12	319	276	444	641	341	292	368	207	179	170	149	142
13	311	253	427	605	331	279	360	207	197	162	148	138
14	313	244	399	730	332	276	343	208	187	167	147	137
15	324	241	372	683	421	275	328	209	179	165	146	137
16	319	242	354	649	384	272	319	207	175	162	156	137
17	303	239	343	599	370	265	318	208	174	194	156	137
18	291	240	336	532	348	263	303	198	171	166	148	135
19	347	233	329	498	335	254	300	196	170	160	162	133
20	306	223	307	467	327	252	296	213	169	158	151	133
21	308	221	297	433	327	260	292	201	168	155	148	133
22	e290	228	289	409	322	257	287	198	168	154	147	131
23	e270	231	359	394	307	283	299	200	166	e150	145	131
24	e270	264	344	370	294	308	293	201	165	e150	145	131
25	e270	317	307	357	290	314	277	196	163	e170	144	130
26	e270	285	295	354	282	313	270	193	164	e160	146	136
27	e260	281	289	330	276	309	262	189	167	e160	144	138
28	e260	377	284	311	277	539	253	196	162	e150	147	131
29	e260	348	280	307	---	1040	251	196	161	e150	148	138
30	e270	347	274	307	---	837	252	191	158	e150	157	131
31	e270	---	264	296	---	707	---	189	---	e150	234	---
TOTAL	10087	8036	11476	15354	8916	10726	11587	6493	5276	5036	4727	4178
MEAN	325	268	370	495	318	346	386	209	176	162	152	139
MAX	476	377	575	899	478	1040	702	249	197	194	234	167
MIN	260	221	264	258	265	248	251	189	158	150	144	130
CFSM	2.29	1.89	2.61	3.49	2.24	2.44	2.72	1.48	1.24	1.14	1.07	0.98
IN.	2.64	2.11	3.01	4.02	2.34	2.81	3.04	1.70	1.38	1.32	1.24	1.09

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 2005, BY WATER YEAR (WY)

MEAN	178	195	229	237	260	331	339	263	239	188	171	177
MAX	411	421	486	495	500	617	825	507	729	434	357	653
(WY)	1997	1978	1997	2005	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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1967 - 2005	
ANNUAL TOTAL	123440		101892			
ANNUAL MEAN	337		279		234	
HIGHEST ANNUAL MEAN					350	1978
LOWEST ANNUAL MEAN					128	1969
HIGHEST DAILY MEAN	4420	Sep 18	1040	Mar 29	6000	Jun 23 1972
LOWEST DAILY MEAN	169	Jul 3	130	Sep 25	82	Mar 24 1969
ANNUAL SEVEN-DAY MINIMUM	178	Jun 28	132	Sep 19	87	Mar 18 1969
MAXIMUM PEAK FLOW			1130	Mar 29	a 8170	Jun 23 1972
MAXIMUM PEAK STAGE			5.92	Mar 29	b 13.20	Jun 23 1972
ANNUAL RUNOFF (CFSM)	2.38		1.97		1.65	
ANNUAL RUNOFF (INCHES)	32.34		26.69		22.39	
10 PERCENT EXCEEDS	497		442		374	
50 PERCENT EXCEEDS	284		262		193	
90 PERCENT EXCEEDS	201		148		128	

- a** From rating curve extended above 1,570 ft³/s on basis of flow-over-dam measurement of peak flow.
b From peak-stage indicator.

